Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\

Quantitation Report (Not Reviewed)

Data File : BF093169.D
Acq On : 25 Feb 2017 2:47
Operator : SJ/MA
Sample : I1955-07RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-4

Quant Time: Feb 25 03:17:45 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	165398	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	597031	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	280319	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	393874	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	304255	20.00	ng		-0.01
86) Perylene-d12	15.45	264	290588	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1199025	124.37	ng		-0.01
7) Phenol-d6	6.48	99	1519639	122.51	ng		-0.01
23) Nitrobenzene-d5	7.40	82	865169	80.70	ng		-0.02
41) 2,4,6-Tribromophenol	10.67	330	215825	106.45	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1320325	85.33	ng		-0.01
78) Terphenyl-d14	12.96	244	723922	55.91	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.37	77	30427	3.42	ng		84
10) Phenol	6.50	94	60355	4.16	ng	#	69
15) Benzyl Alcohol	6.99	79	20813	2.27	ng	#	39
19) n-Nitroso-di-n-propylamine	7.40	70	124774	15.80	ng	#	81
20) 3+4-Methylphenols	7.26	107	58860	5.40	ng	#	64
25) Isophorone	7.40	82	746573	37.37	ng	#	65
31) Naphthalene	8.14	128	1096435	36.23	ng		99
32) Benzoic acid	7.92	122	9046	8.64	ng	#	29
33) 4-Chloroaniline	8.14	127	149055	12.56	ng	#	32
37) 2-Methylnaphthalene	8.84	142	51293	2.64	ng		93
49) Dimethylphthalate	9.60	163	261878	13.87	ng		98
53) 2,4-Dinitrophenol	10.17	184	808	5.10	ng	#	30
64) 4,6-Dinitro-2-methylphenol	10.29	198	3717	4.13	ng		87
66) 4-Bromophenyl-phenylether	10.67	248	16478	4.00	ng	#	1
70) Phenanthrene	11.39	178	385752	17.09	ng		98
71) Anthracene	11.44	178	101780	4.49	ng		98
73) Di-n-butylphthalate	11.93	149	112863	4.82	ng		98
74) Fluoranthene	12.59	202	654414	28.11	ng		96
77) Pyrene	12.81	202	655796	28.80	ng		98
80) Benzo(a)anthracene	14.00	228	510102	27.41	ng		98
82) Chrysene	14.03	228	368561	21.15	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	277714	20.58	ng		97
87) Benzo(b)fluoranthene	15.04	252	790026	41.31	ng	#	97
88) Benzo(k)fluoranthene	15.04	252	790026	47.84	ng	#	97
89) Benzo(a)pyrene	15.38	252	461556	27.90	ng	#	93
90) Dibenzo(a,h)anthracene	16.85	278	73171	5.47	ng	#	83
91) Benzo(g,h,i)perylene	17.28	276	265477	19.65	ng	#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\

Quantitation Report (Not Reviewed)

Data File : BF093169.D
Acq On : 25 Feb 2017 2:47
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Sample : I1955-07RE
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Instrument :
BNA_F
ClientSampleId :
B1-4

Quant Time: Feb 25 03:17:45 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
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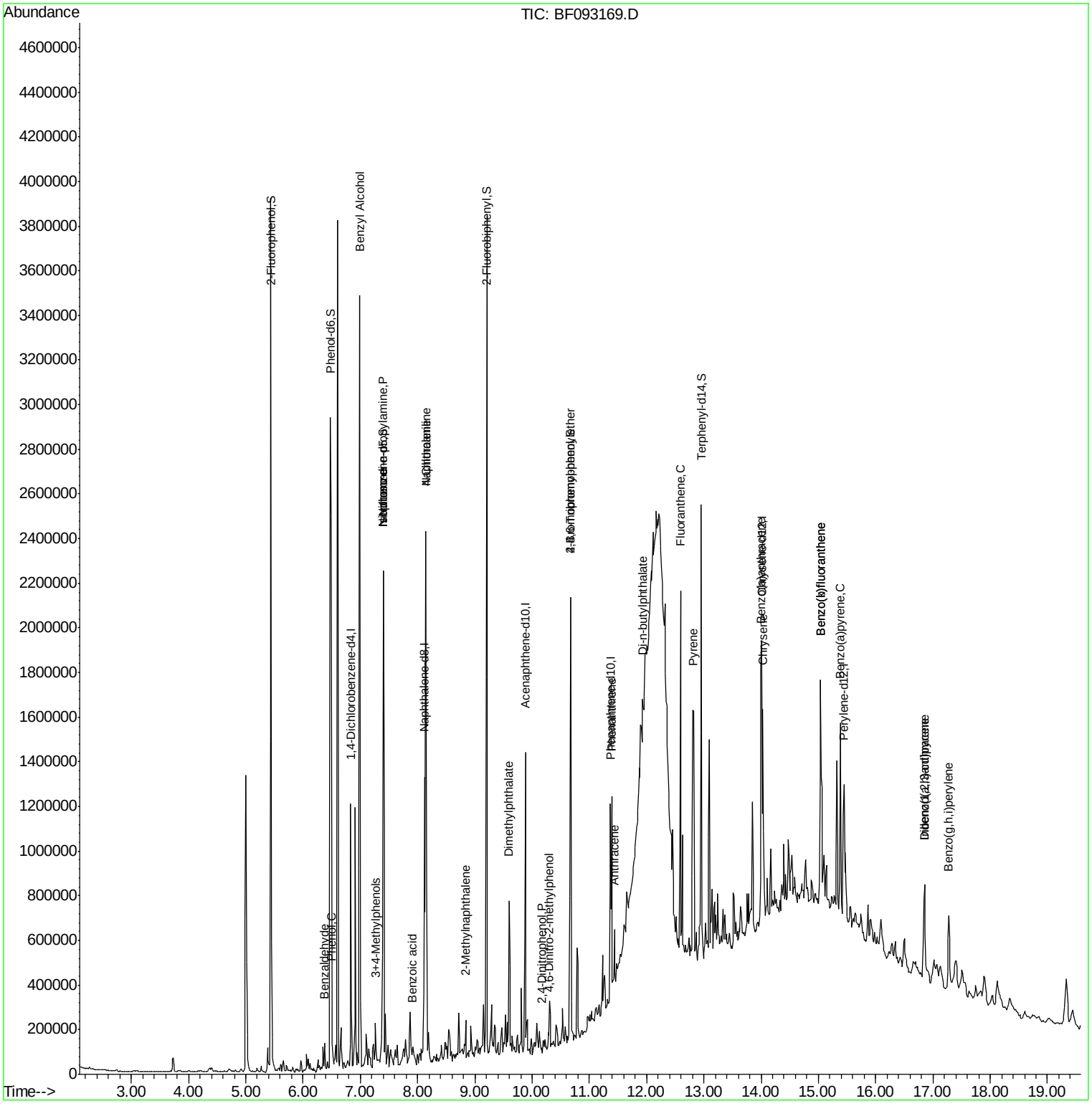
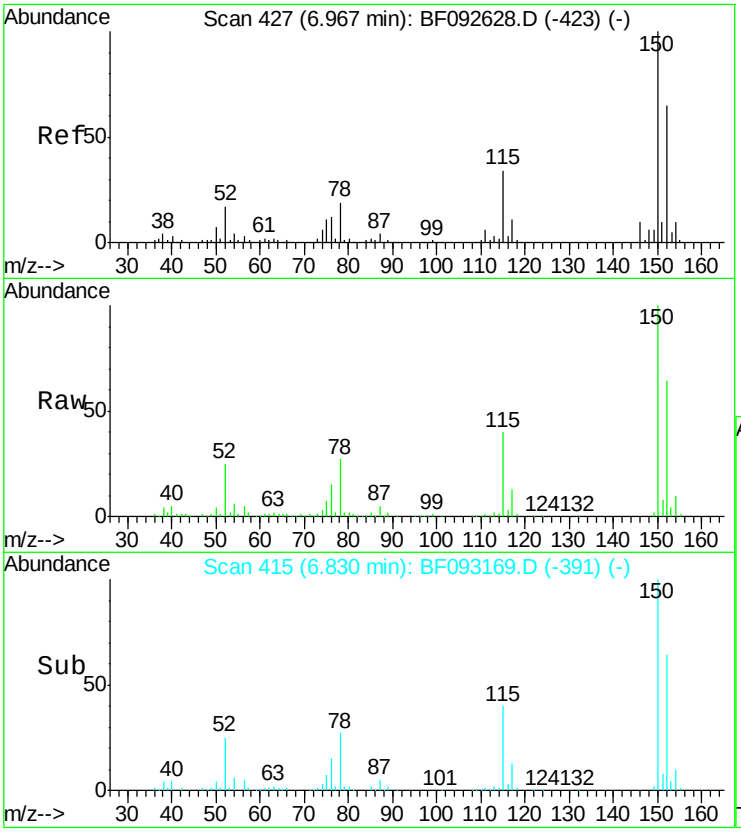


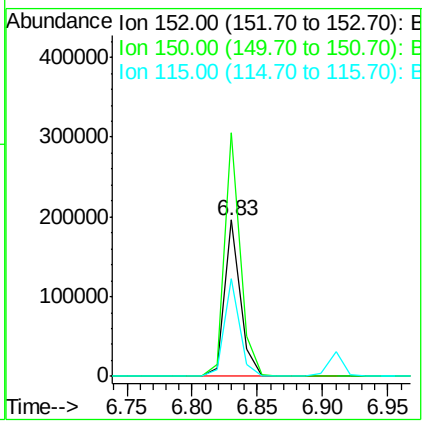


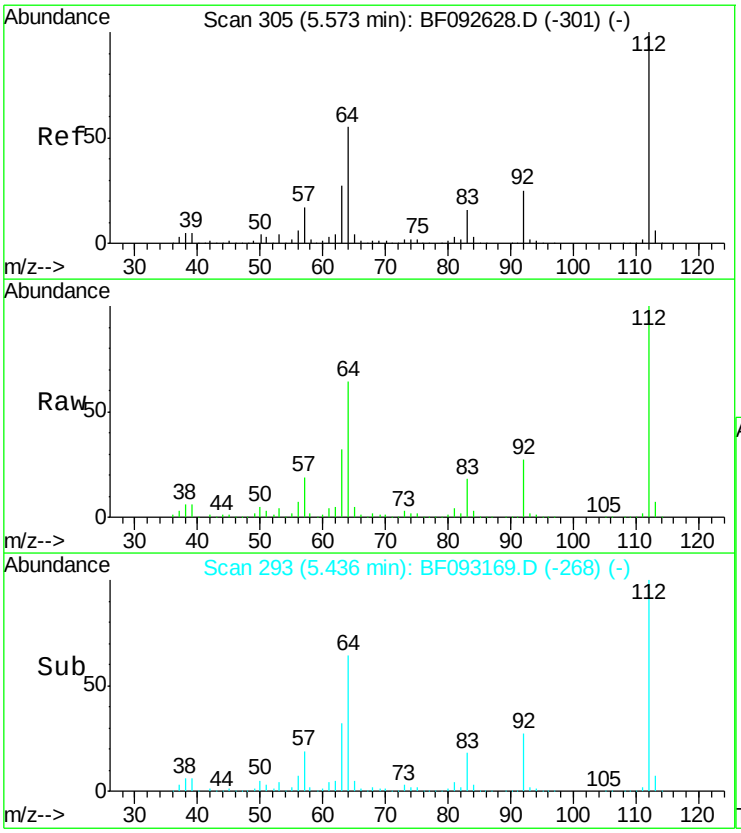
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:152 Resp: 165398

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.9	187.3
115	62.5	46.0	69.0

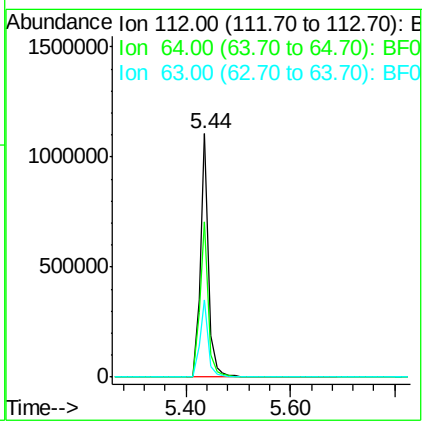


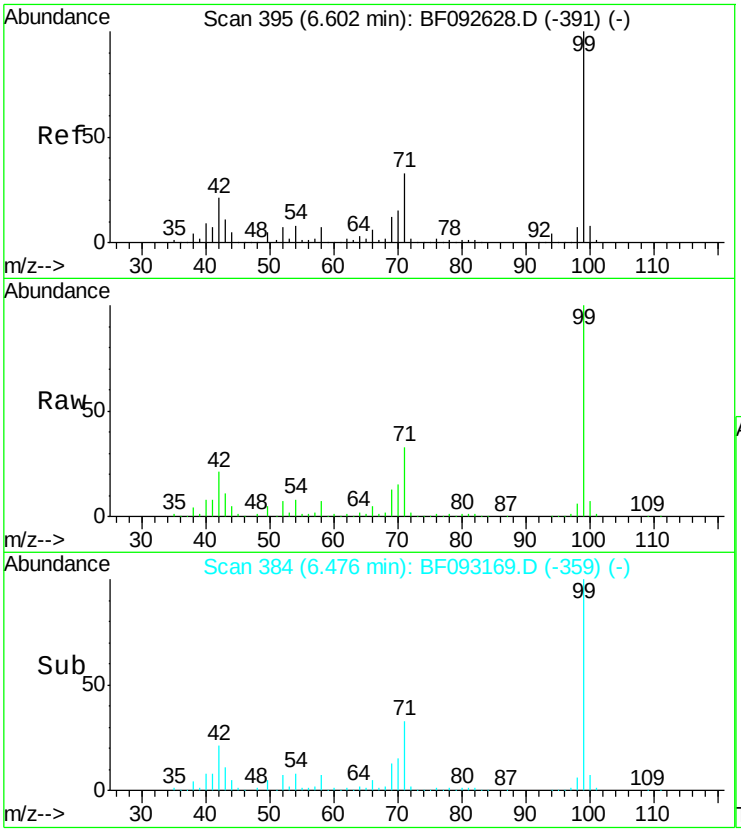


#5
2-Fluorophenol
Concen: 124.37 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion:112 Resp: 1199025

Ion	Ratio	Lower	Upper
112	100		
64	63.6	46.1	69.1
63	31.7	23.8	35.6



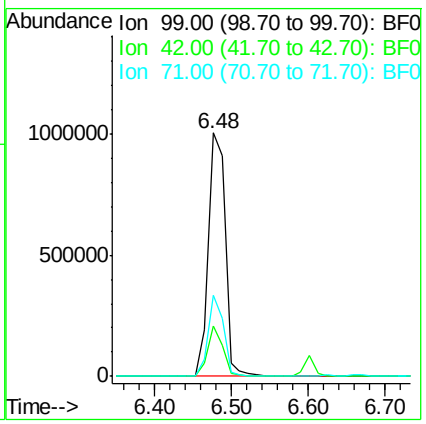


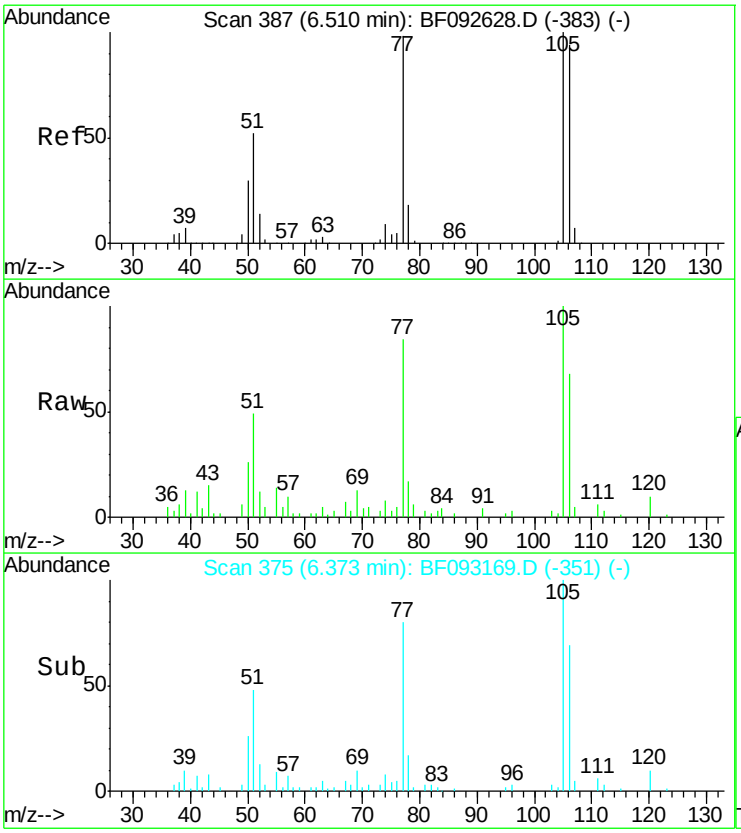
#7
Phenol-d6
Concen: 122.51 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion: 99 Resp: 1519639

Ion	Ratio	Lower	Upper
99	100		
42	20.9	15.6	23.4
71	33.2	27.5	41.3

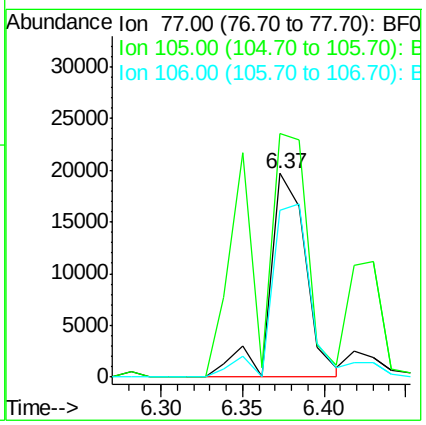


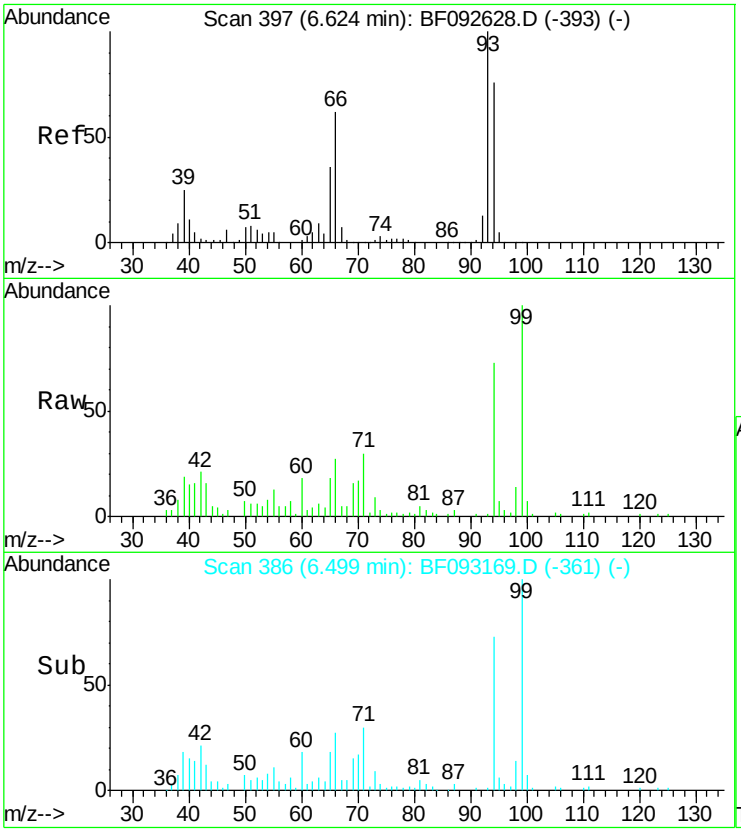


#9
Benzaldehyde
Concen: 3.42 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.02 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion: 77 Resp: 30427

Ion	Ratio	Lower	Upper
77	100		
105	119.6	83.9	123.9
106	81.7	77.6	117.6



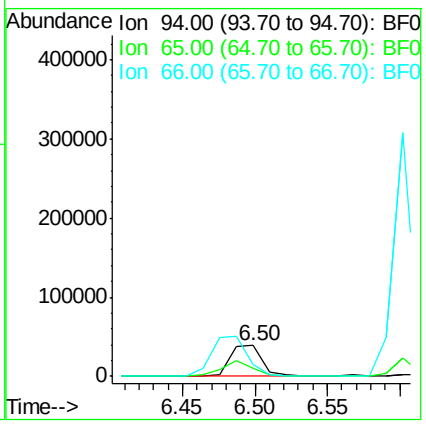


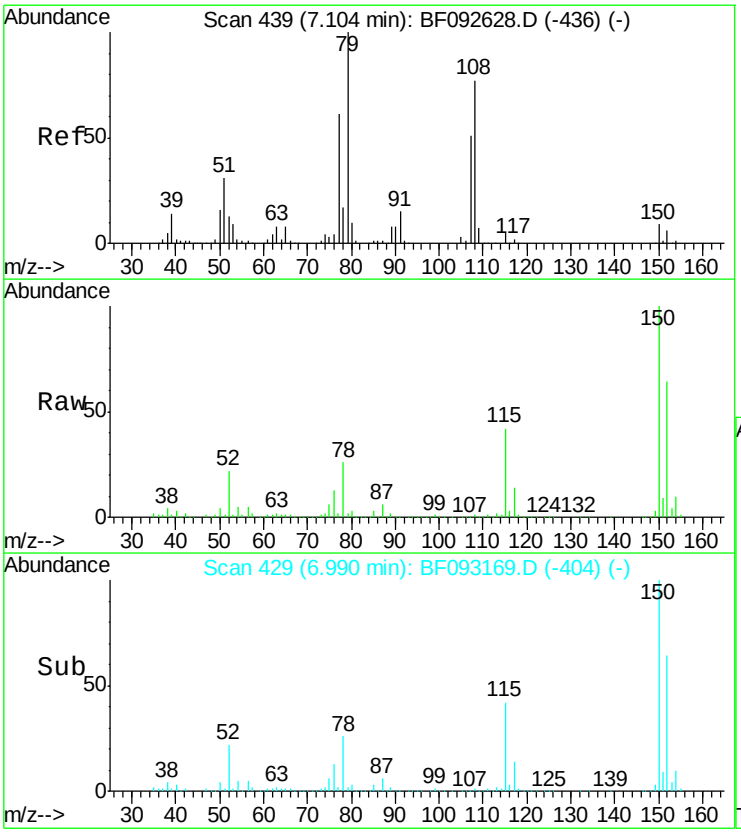
#10
Phenol
Concen: 4.16 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion: 94 Resp: 60355

Ion	Ratio	Lower	Upper
94	100		
65	25.0	21.4	61.4
66	37.1	44.0	84.0#

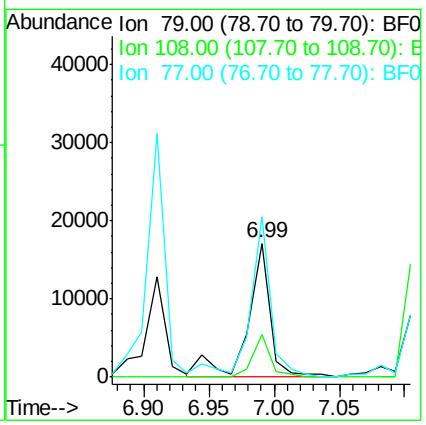


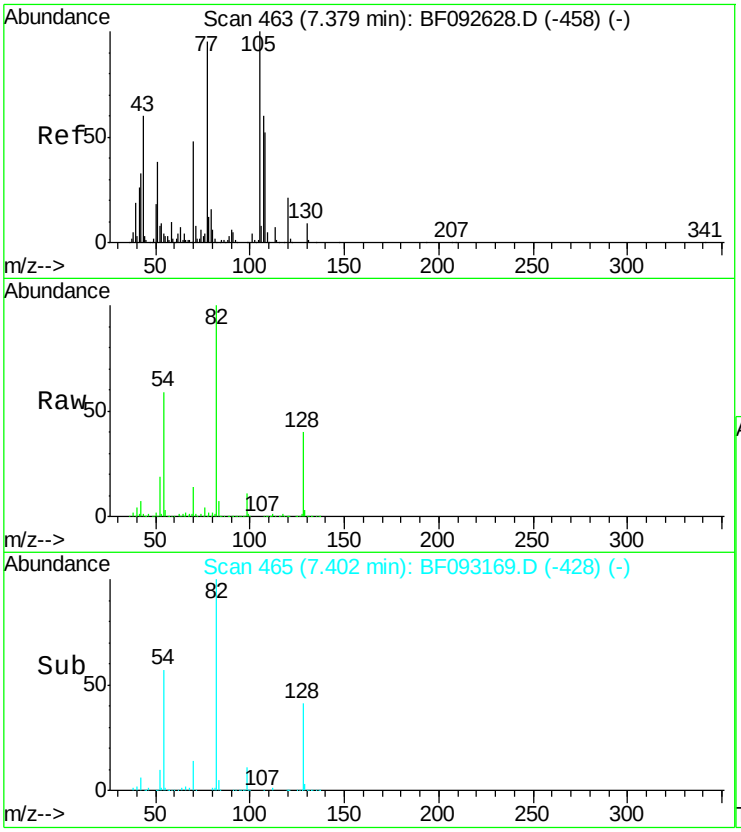


#15
Benzyl Alcohol
Concen: 2.27 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion: 79 Resp: 20813

Ion	Ratio	Lower	Upper
79	100		
108	32.0	61.4	92.0#
77	120.0	50.9	76.3#



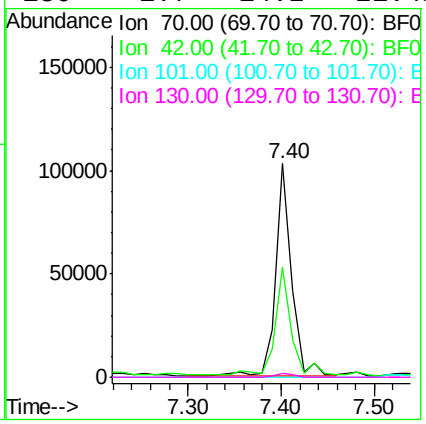


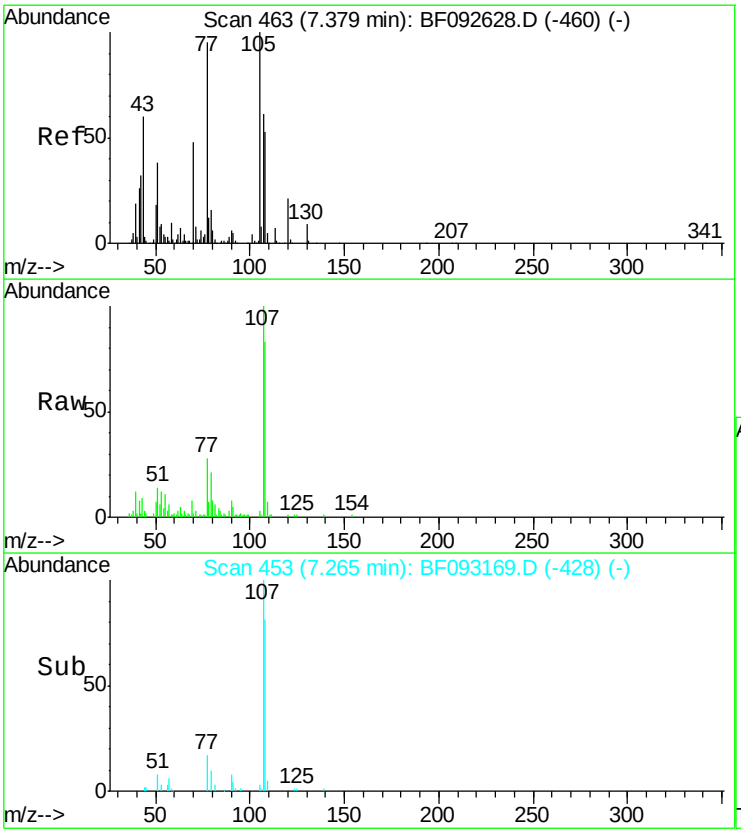
#19
n-Nitroso-di-n-propylamine
Concen: 15.80 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion: 70 Resp: 124774

Ion	Ratio	Lower	Upper
70	100		
42	51.7	49.4	74.0
101	0.0	7.4	11.2#
130	1.7	14.2	21.4#

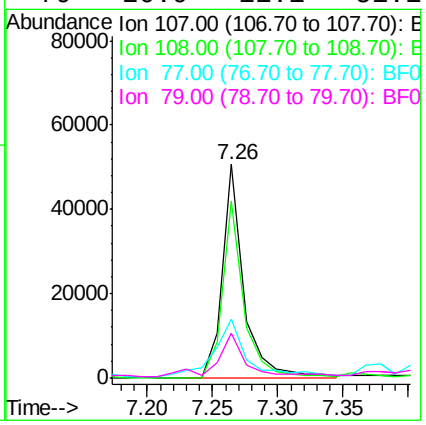


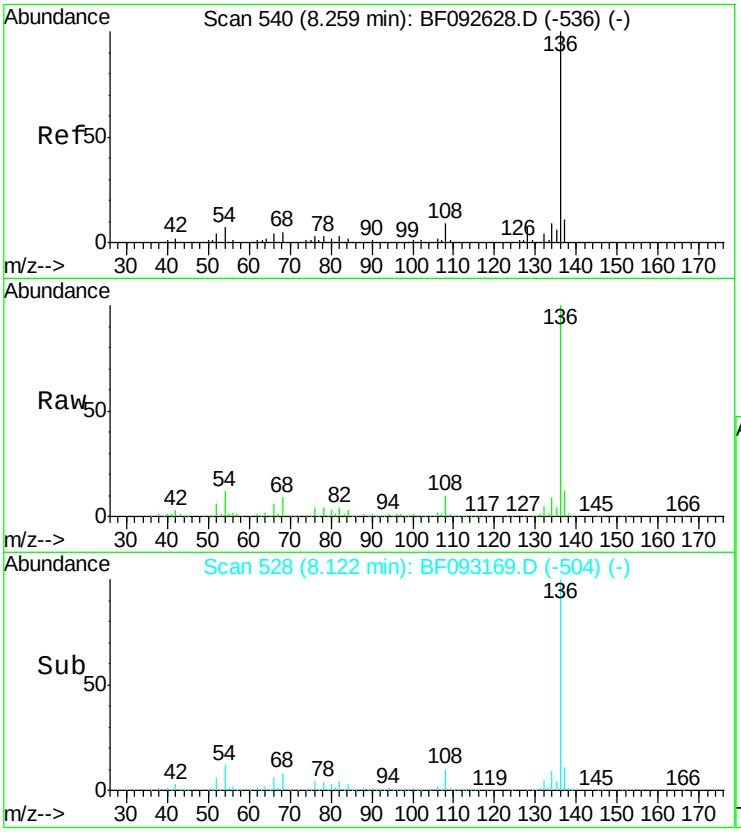


#20
3+4-Methylphenols
Concen: 5.40 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion:107 Resp: 58860

Ion	Ratio	Lower	Upper
107	100		
108	82.7	73.0	113.0
77	27.6	71.3	111.3#
79	20.9	11.1	51.1



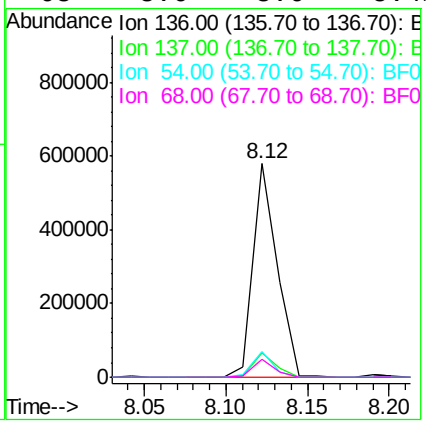


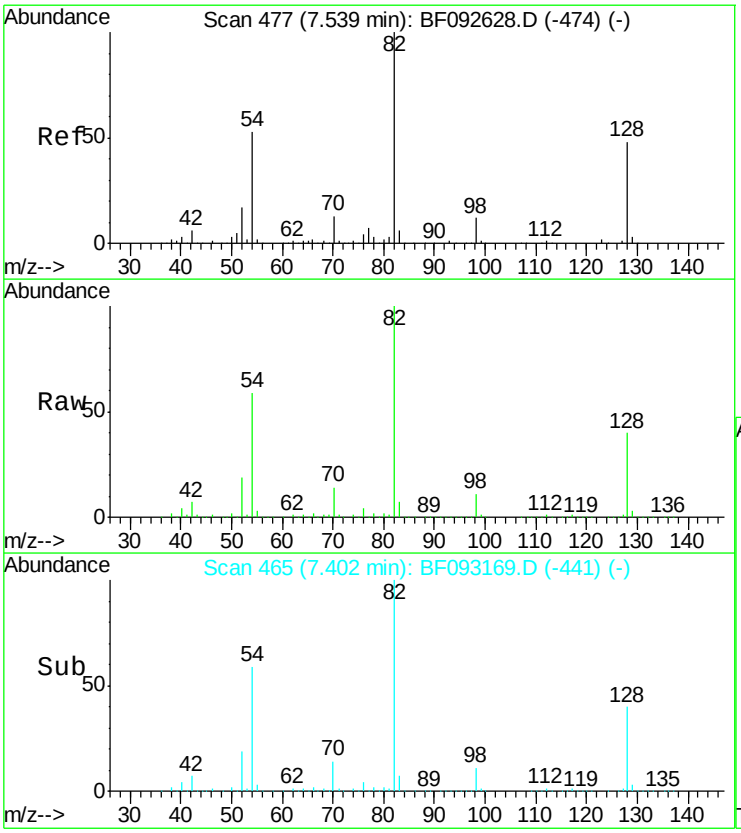
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:136 Resp: 597031

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	11.9	4.5	6.7#
68	8.6	3.6	5.4#

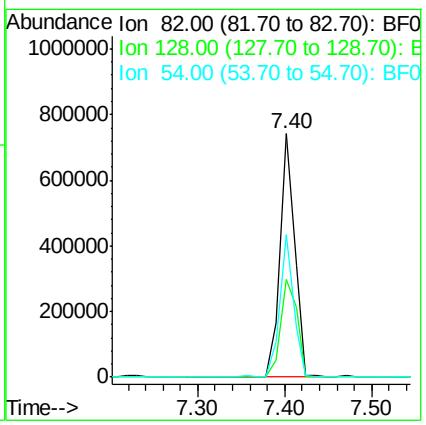


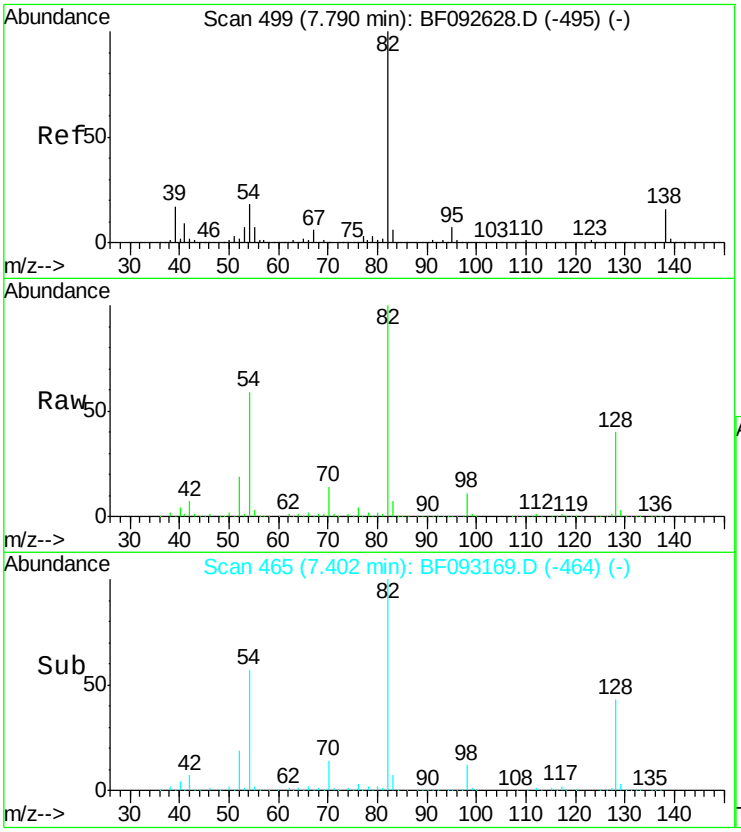


#23
Nitrobenzene-d5
Concen: 80.70 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion: 82 Resp: 865169

Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.6	52.0
54	58.7	39.5	59.3



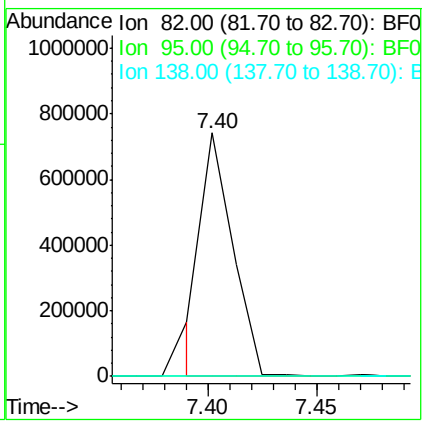


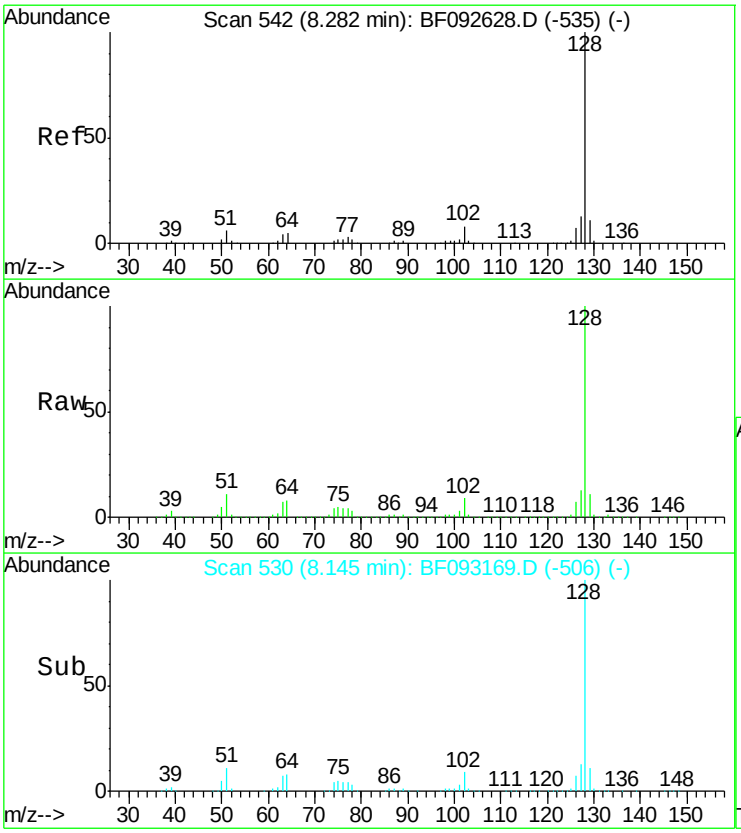
#25
Isophorone
Concen: 37.37 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.29 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion: 82 Resp: 746573

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.6	8.4#
138	0.0	14.6	22.0#

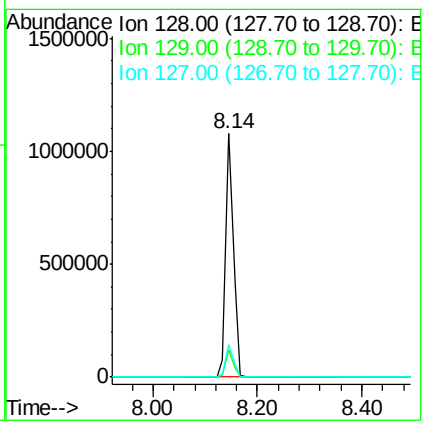


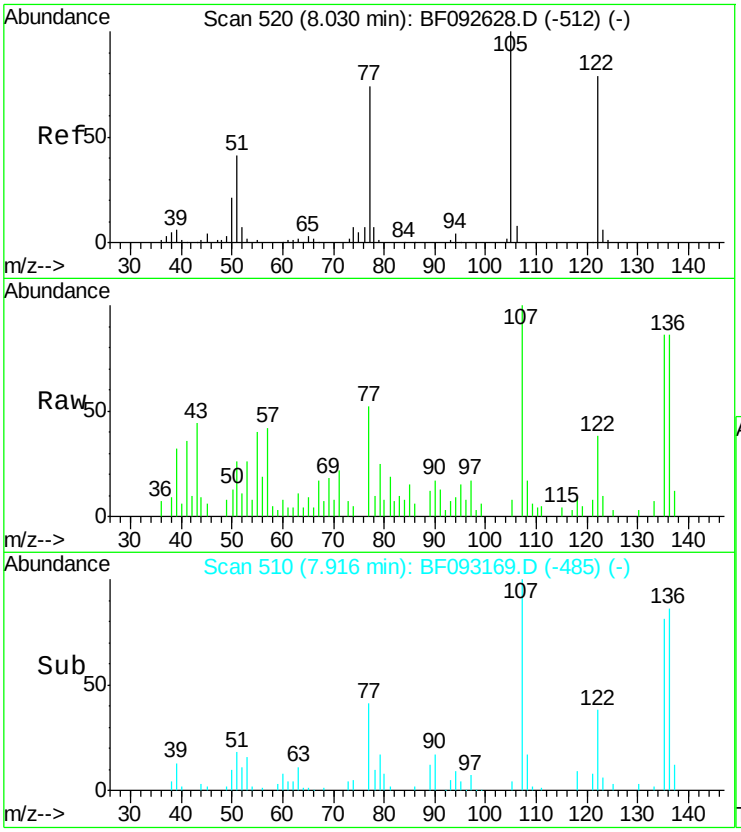


#31
Naphthalene
Concen: 36.23 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion:128 Resp: 1096435

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.5	14.3
127	13.4	10.8	16.2



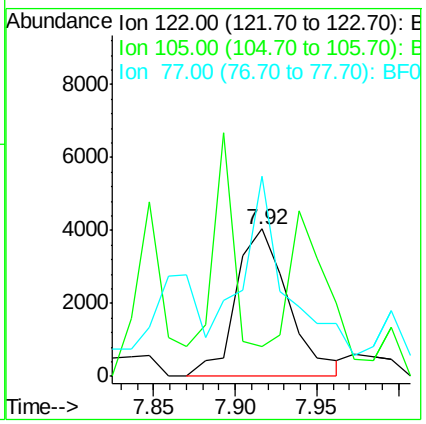


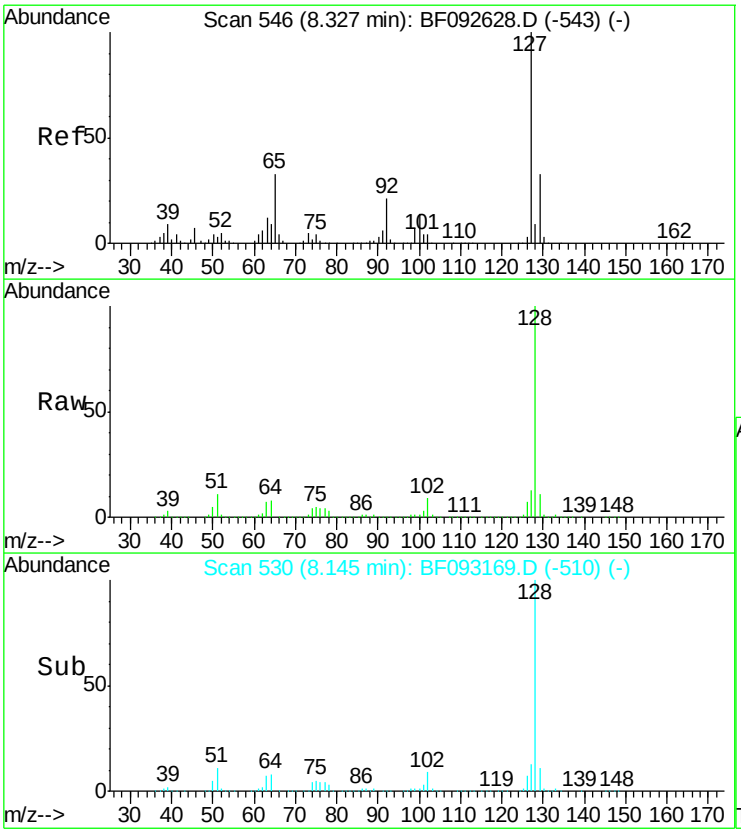
#32
Benzoic acid
Concen: 8.64 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:122 Resp: 9046

Ion	Ratio	Lower	Upper
122	100		
105	20.6	107.2	147.2#
77	135.5	74.5	114.5#

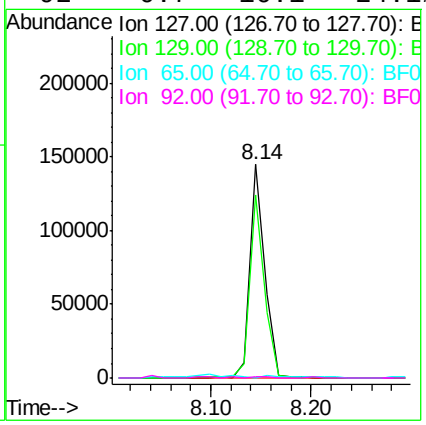


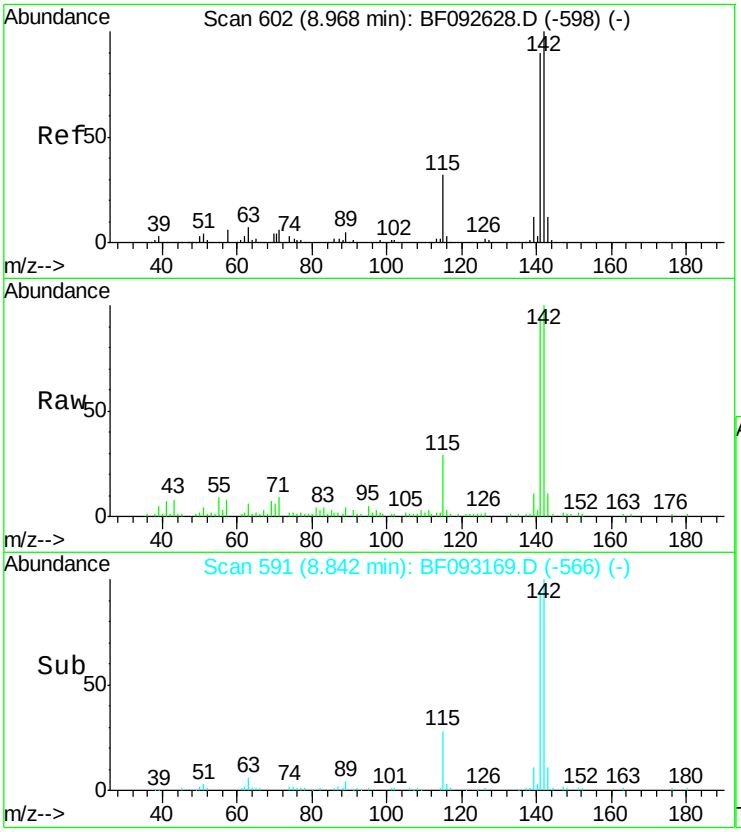


#33
4-Chloroaniline
Concen: 12.56 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.07 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion:127 Resp: 149055

Ion	Ratio	Lower	Upper
127	100		
129	85.4	26.3	39.5#
65	0.0	25.8	38.8#
92	0.7	16.1	24.1#



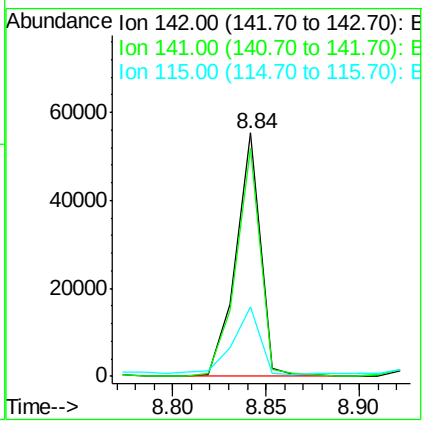


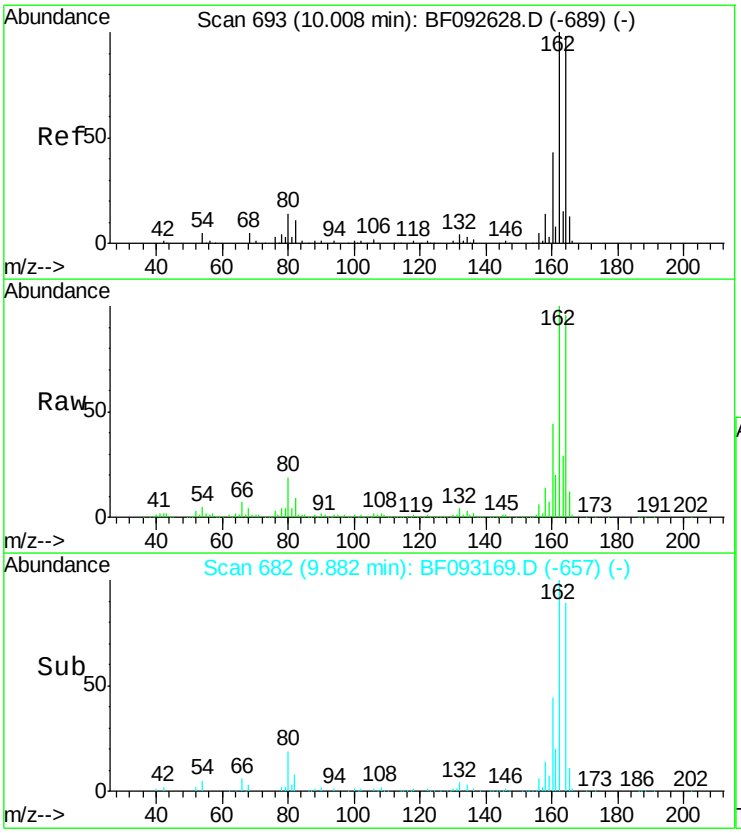
#37
2-Methylnaphthalene
Concen: 2.64 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:142 Resp: 51293

Ion	Ratio	Lower	Upper
142	100		
141	93.9	71.0	106.6
115	28.6	28.3	42.5

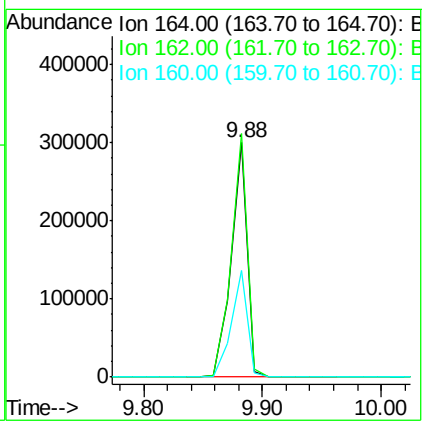


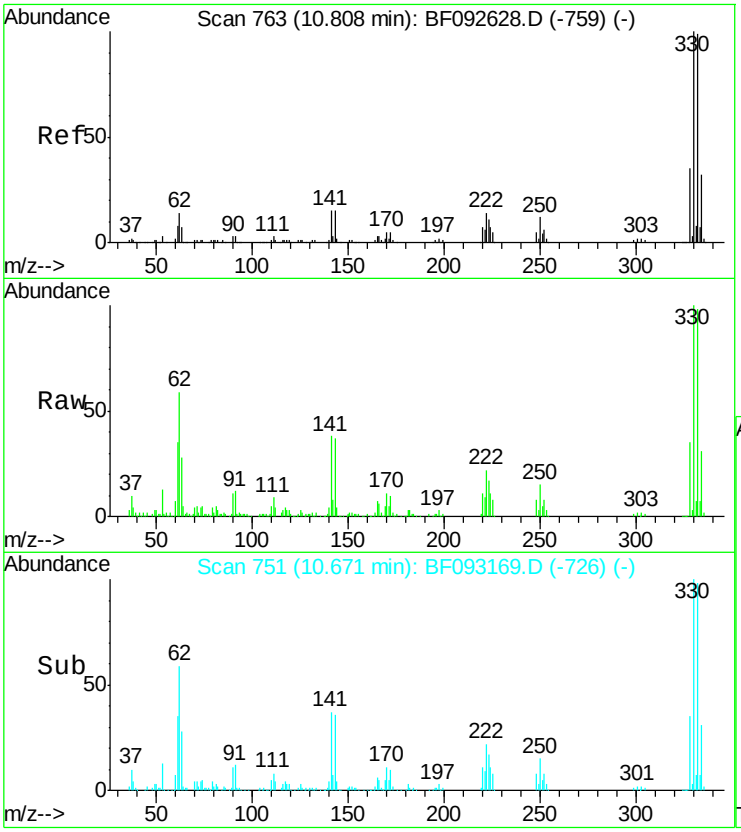


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion:164 Resp: 280319

Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.2	120.2
160	45.5	36.9	55.3



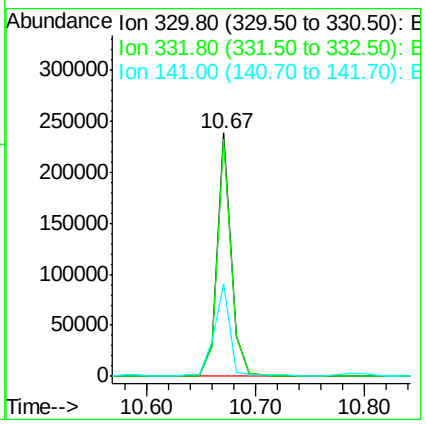


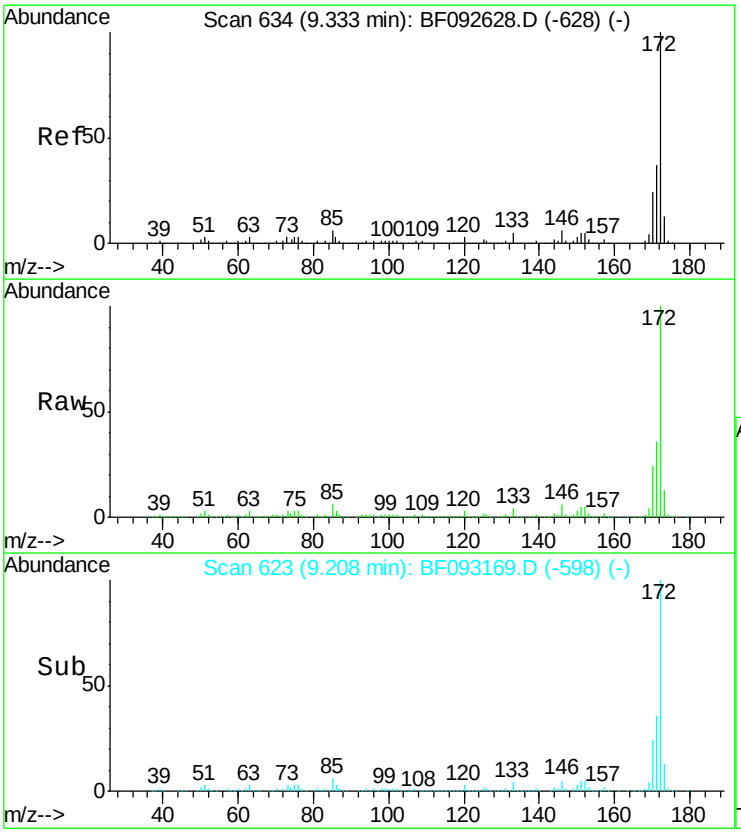
#41
2,4,6-Tribromophenol
Concen: 106.45 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:330 Resp: 215825

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	42.1	34.1	51.1

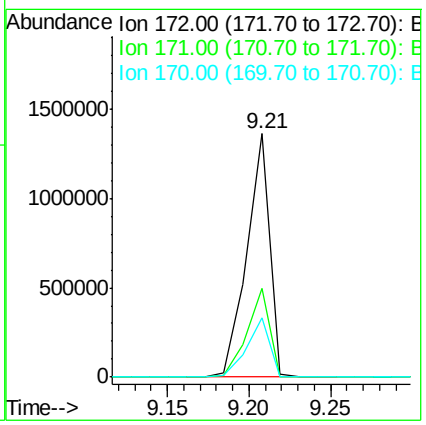


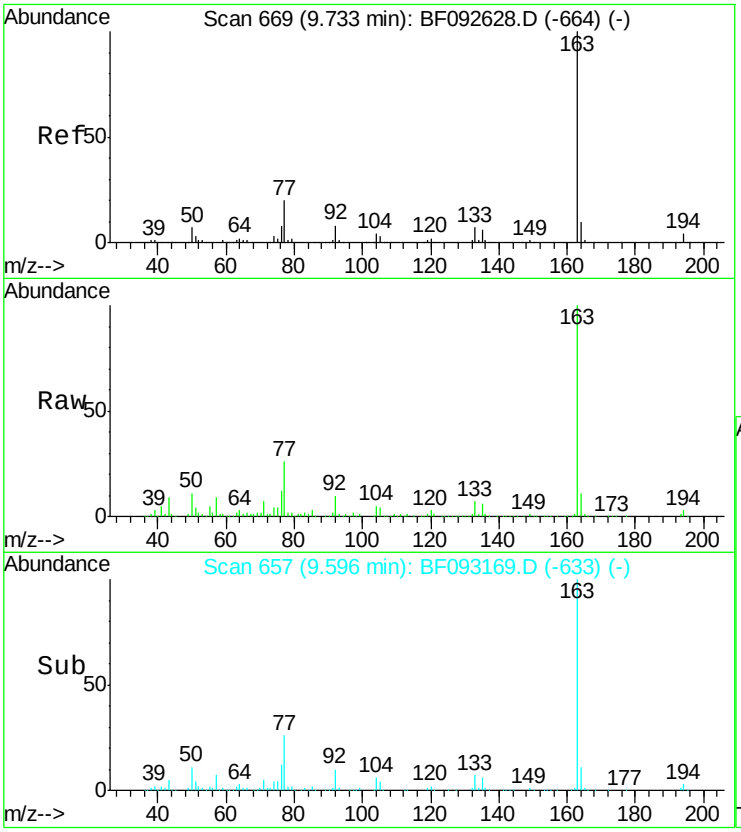


#44
2-Fluorobiphenyl
Concen: 85.33 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion:172 Resp: 1320325

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.4	20.2	30.4



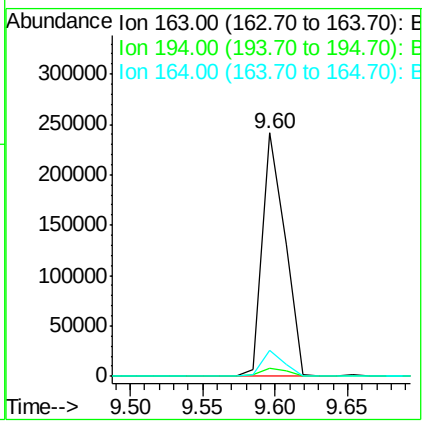


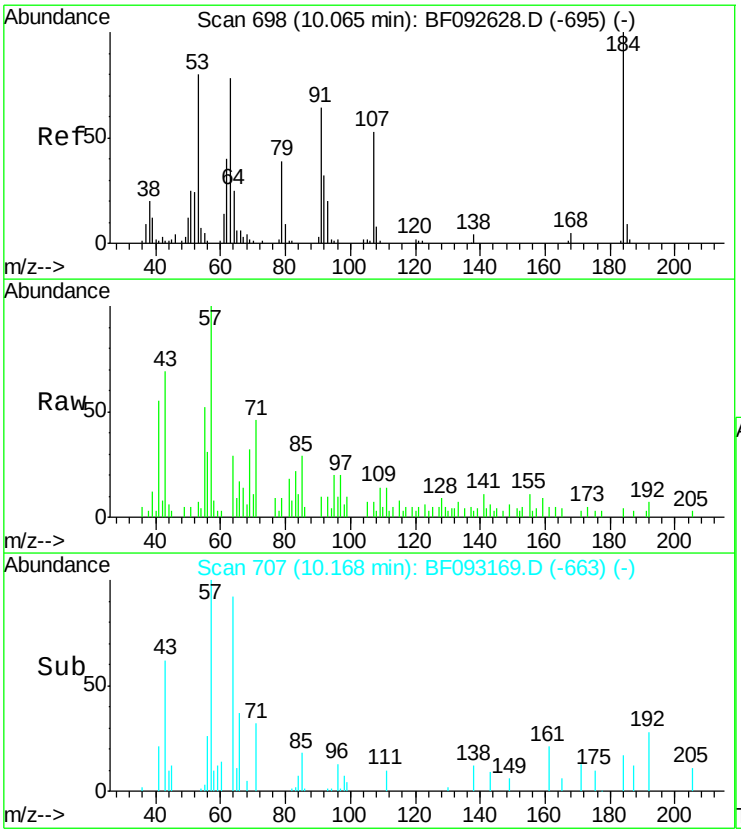
#49
Dimethylphthalate
Concen: 13.87 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:163 Resp: 261878

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.7	8.0	12.0

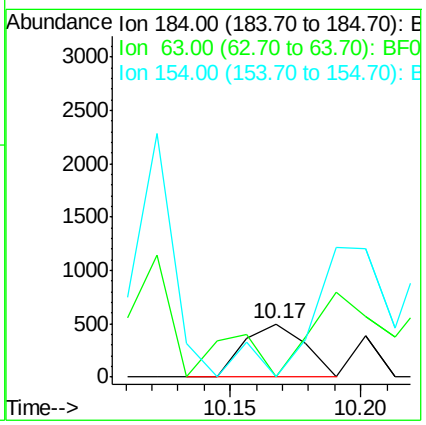


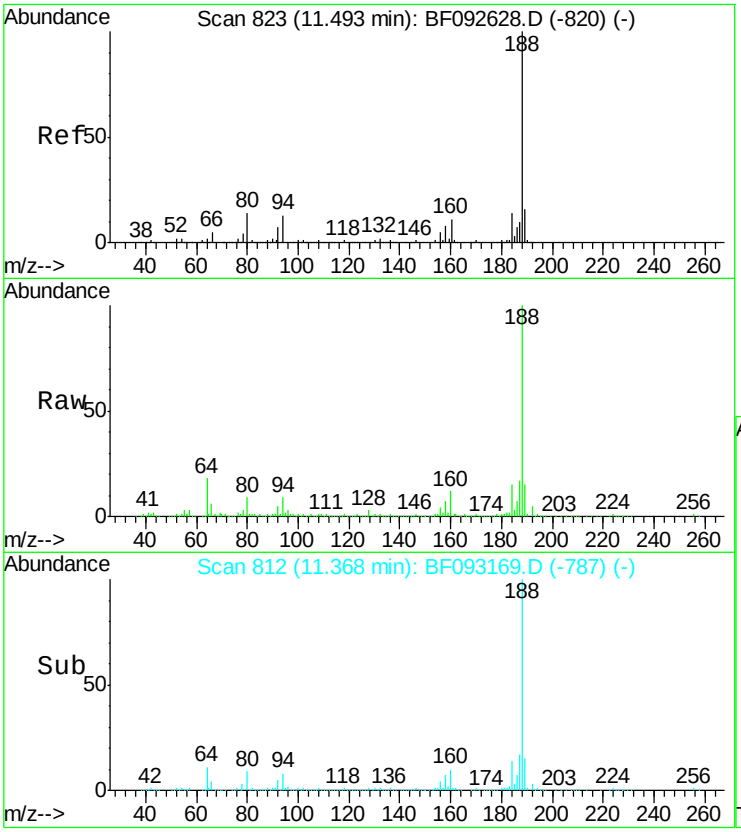


#53
2,4-Dinitrophenol
Concen: 5.10 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.21 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion:184 Resp: 808

Ion	Ratio	Lower	Upper
184	100		
63	0.0	28.4	42.6#
154	0.0	44.3	66.5#



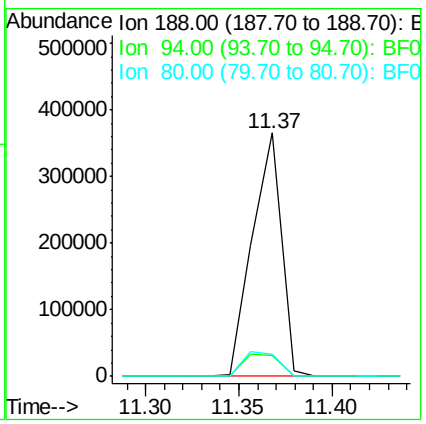


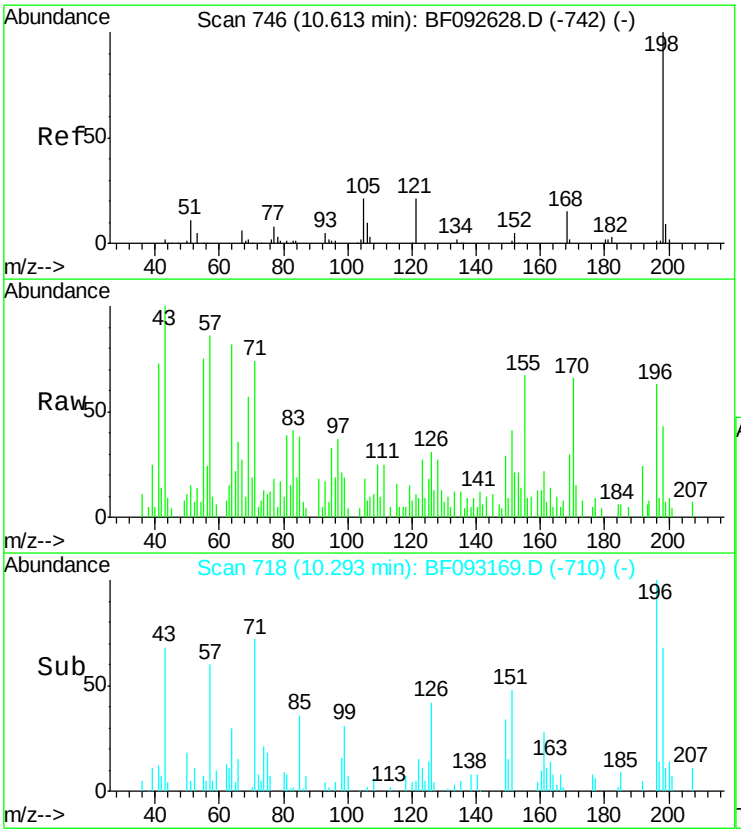
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:188 Resp: 393874

Ion	Ratio	Lower	Upper
188	100		
94	8.6	10.0	15.0#
80	8.9	11.2	16.8#

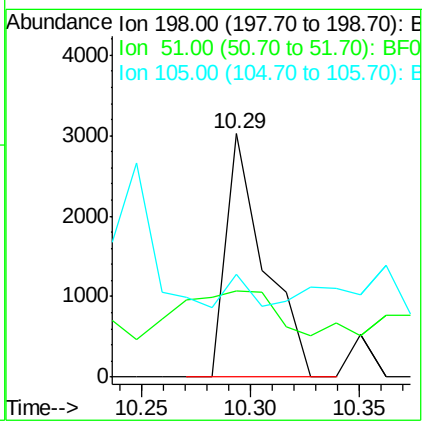


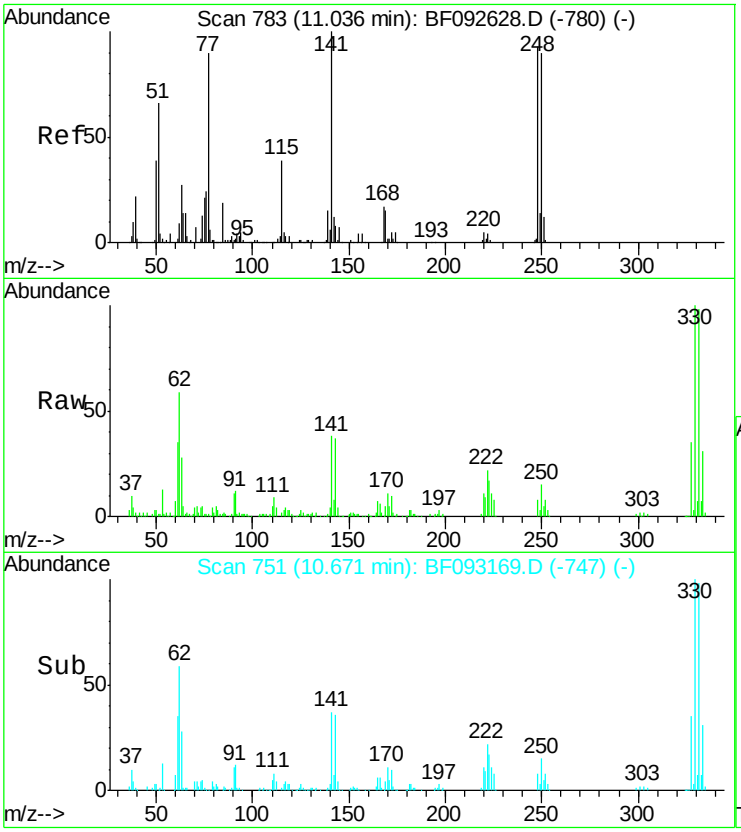


#64
4,6-Dinitro-2-methylphenol
Concen: 4.13 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.21 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion:198 Resp: 3717

Ion	Ratio	Lower	Upper
198	100		
51	35.3	6.7	46.7
105	42.5	16.6	56.6



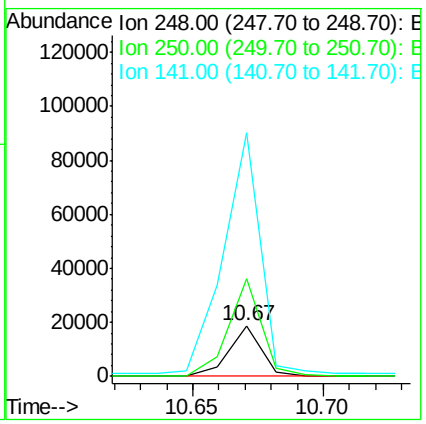


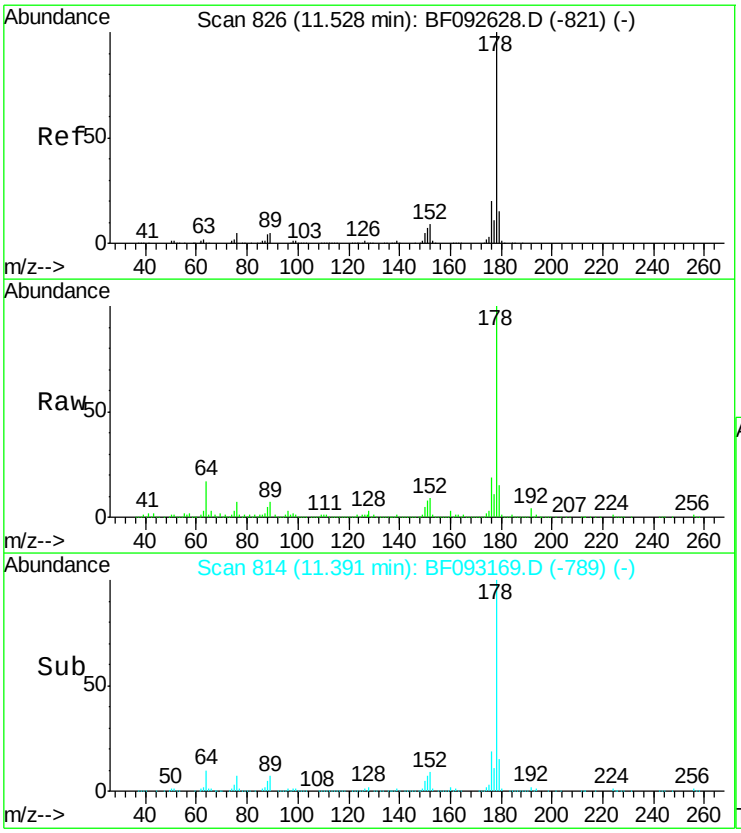
#66
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:248 Resp: 16478

Ion	Ratio	Lower	Upper
248	100		
250	194.5	76.9	115.3#
141	482.2	68.2	102.4#

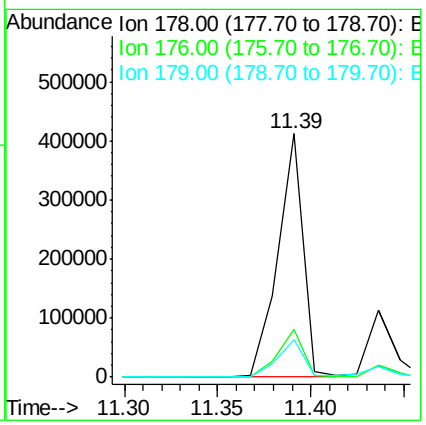


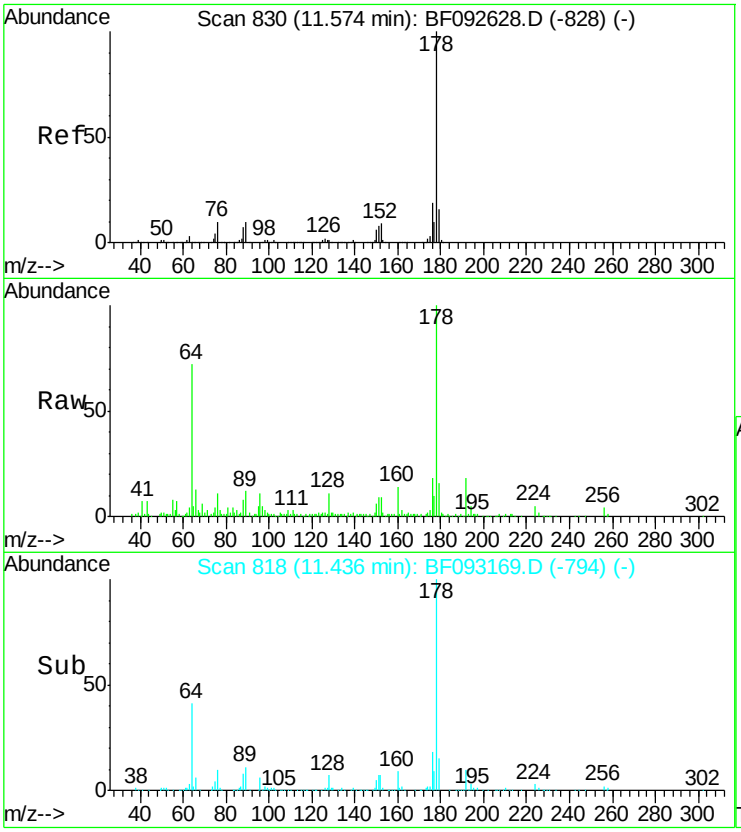


#70
Phenanthrene
Concen: 17.09 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion:178 Resp: 385752

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	25.0
179	15.3	12.8	19.2



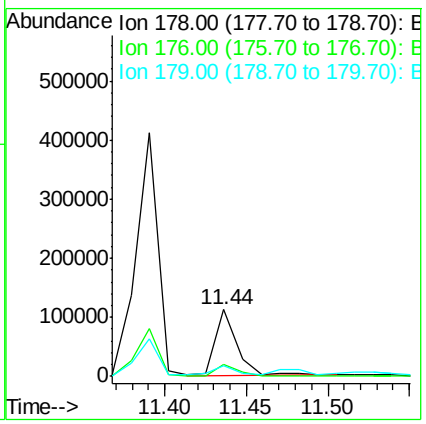


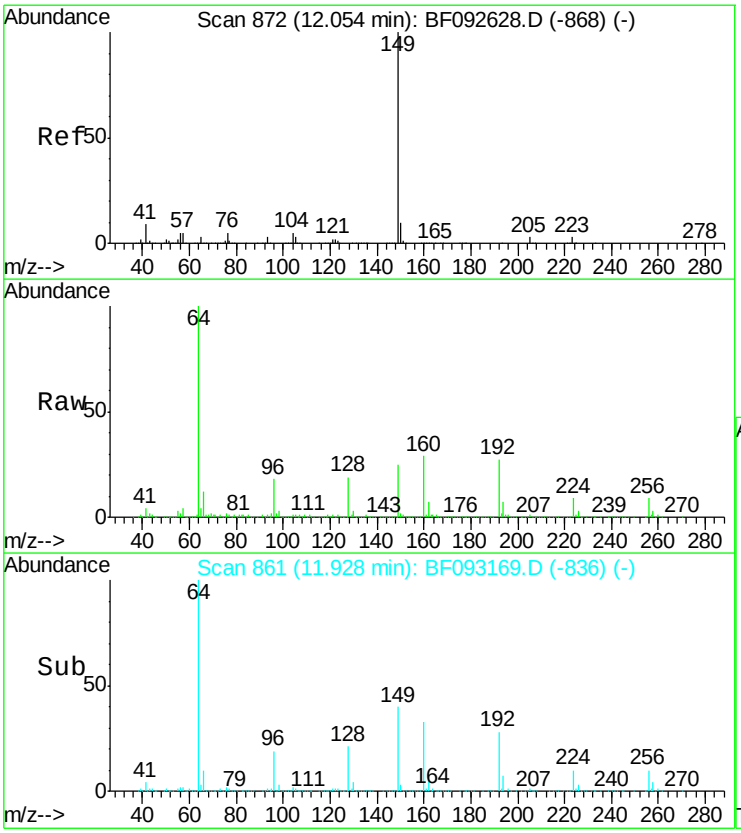
#71
Anthracene
Concen: 4.49 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:178 Resp: 101780

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.9	23.9
179	16.1	13.2	19.8

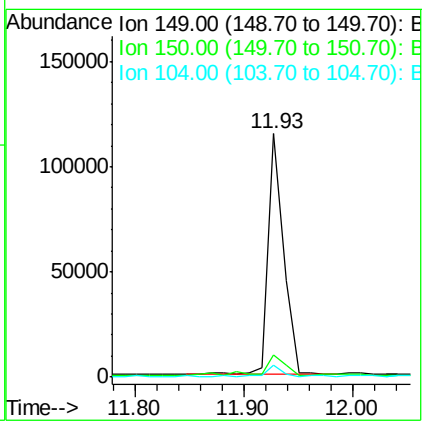


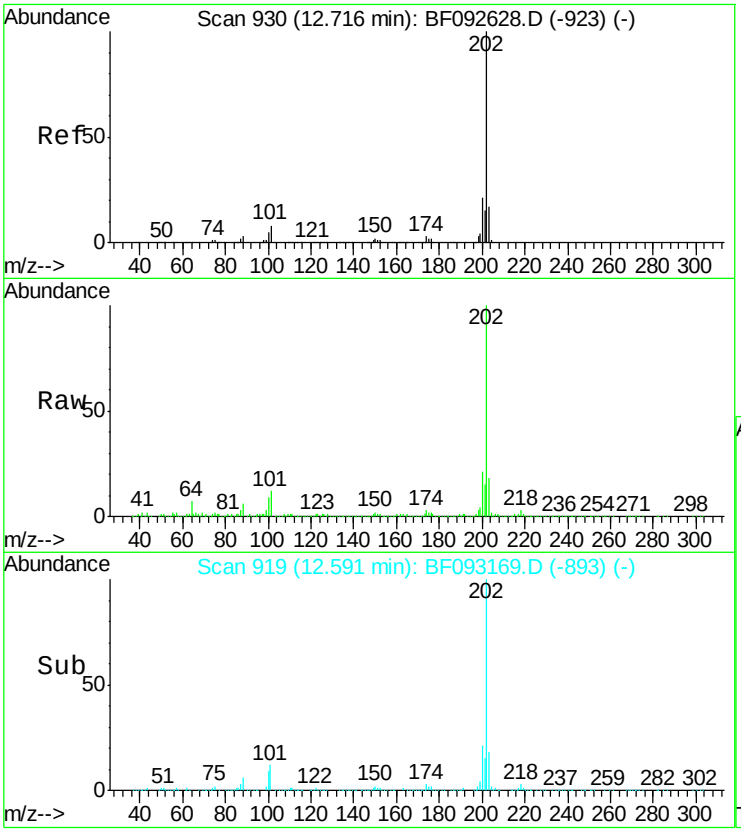


#73
Di-n-butylphthalate
Concen: 4.82 ng
RT: 11.93 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion:149 Resp: 112863

Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	5.0	4.6	7.0



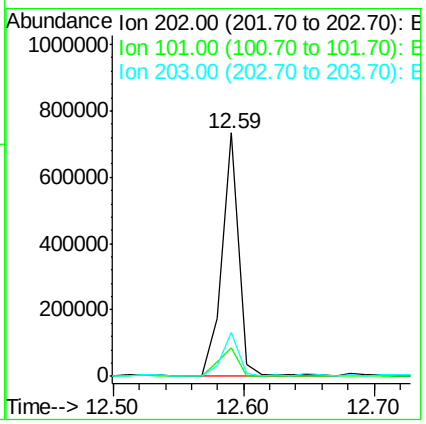


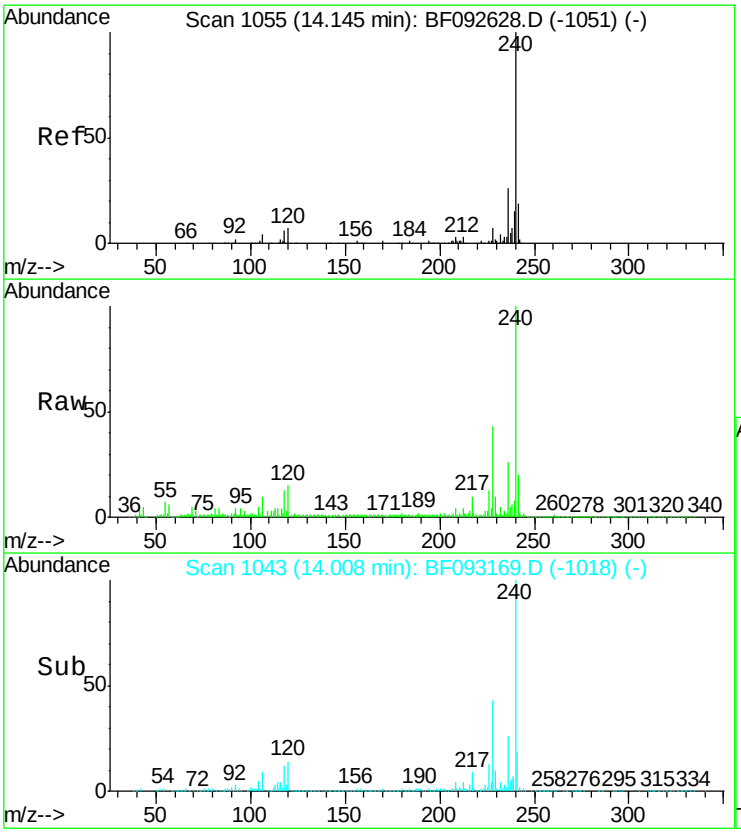
#74
Fluoranthene
Concen: 28.11 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:202 Resp: 654414

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.6
203	18.0	0.0	38.7

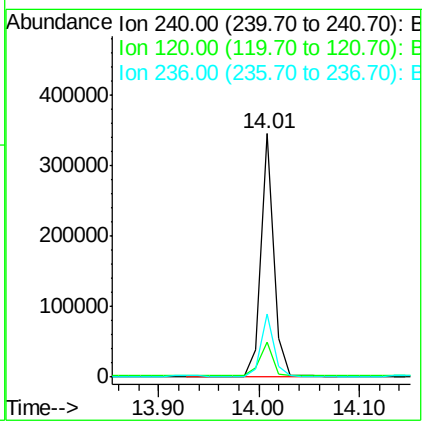


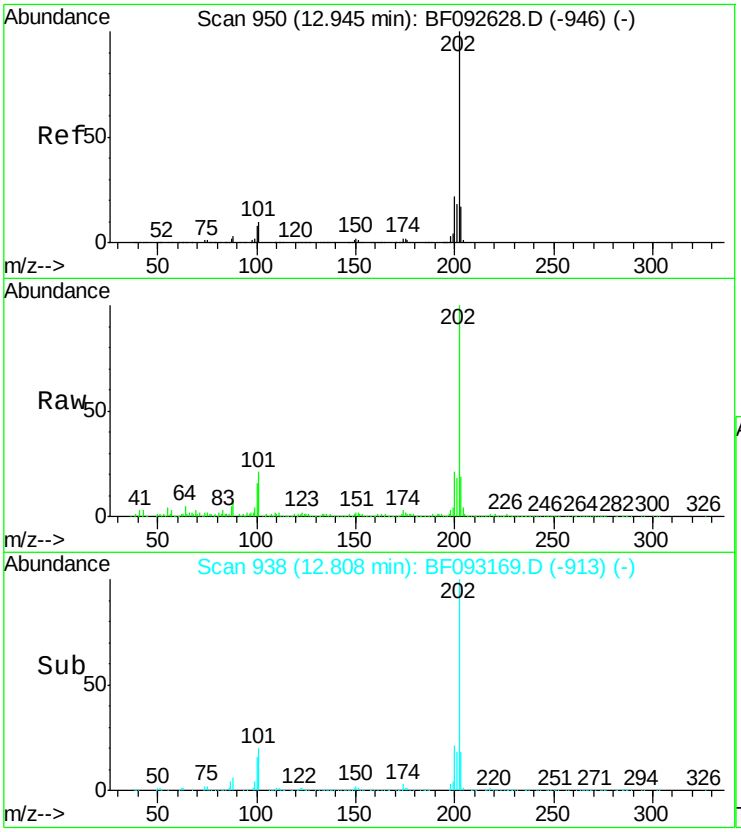


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion:240 Resp: 304255

Ion	Ratio	Lower	Upper
240	100		
120	14.6	12.9	19.3
236	26.1	20.9	31.3



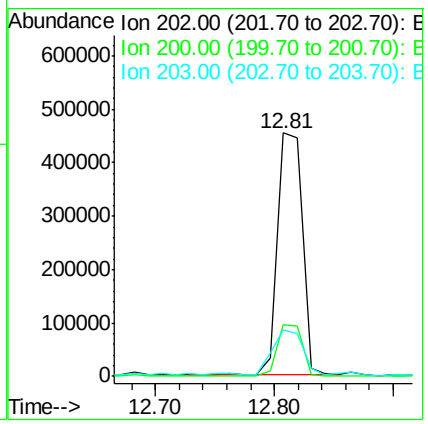


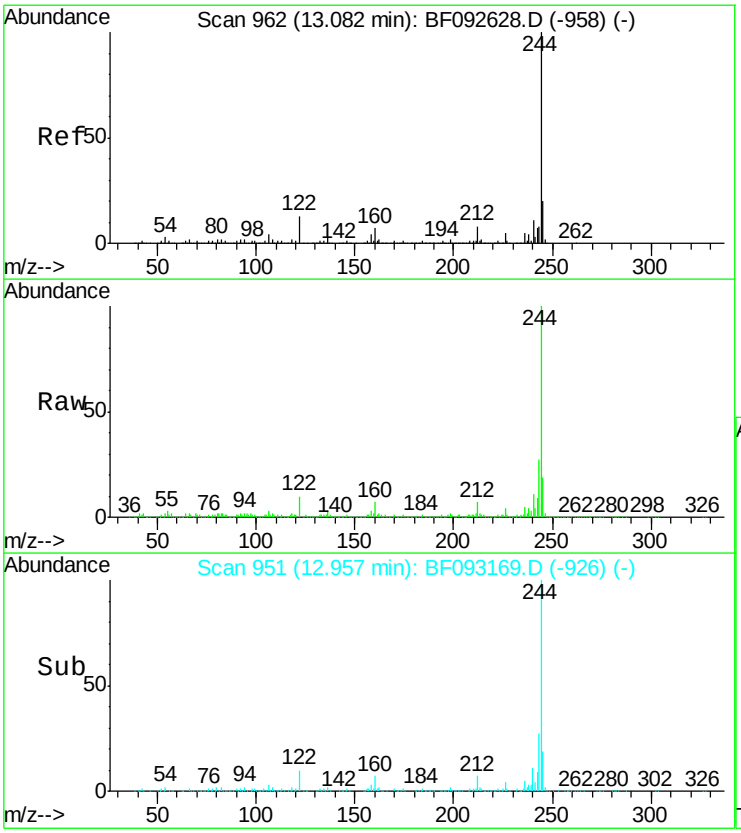
#77
Pyrene
Concen: 28.80 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:202 Resp: 655796

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	19.2	14.7	22.1

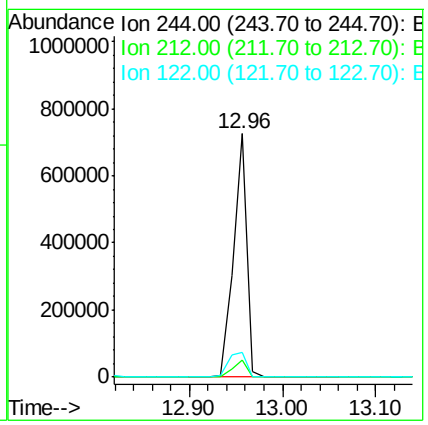


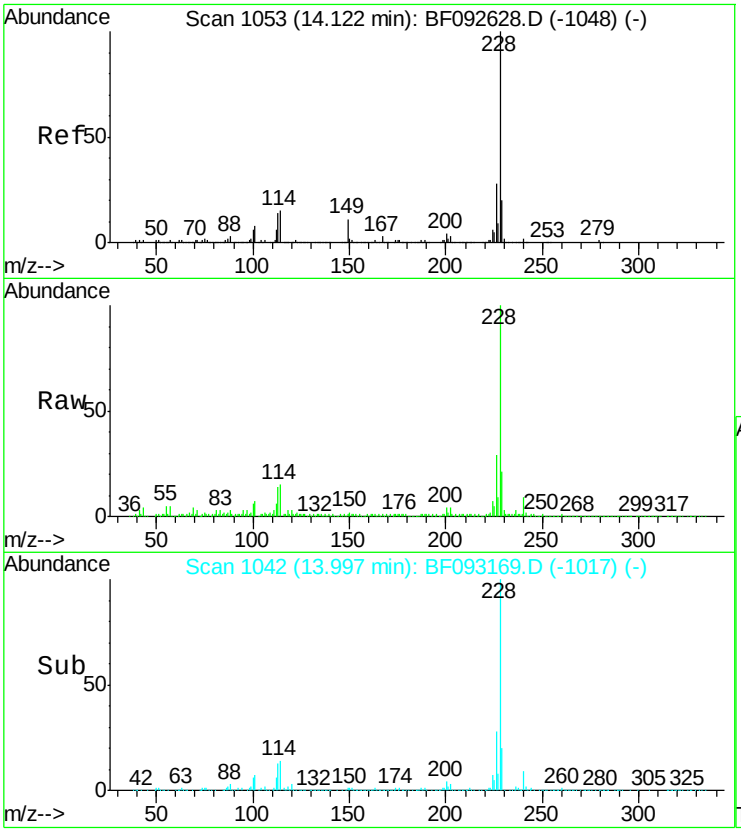


#78
Terphenyl-d14
Concen: 55.91 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion:244 Resp: 723922

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	10.3	11.4	17.2#



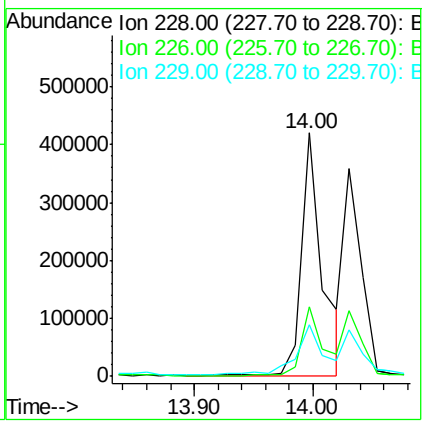


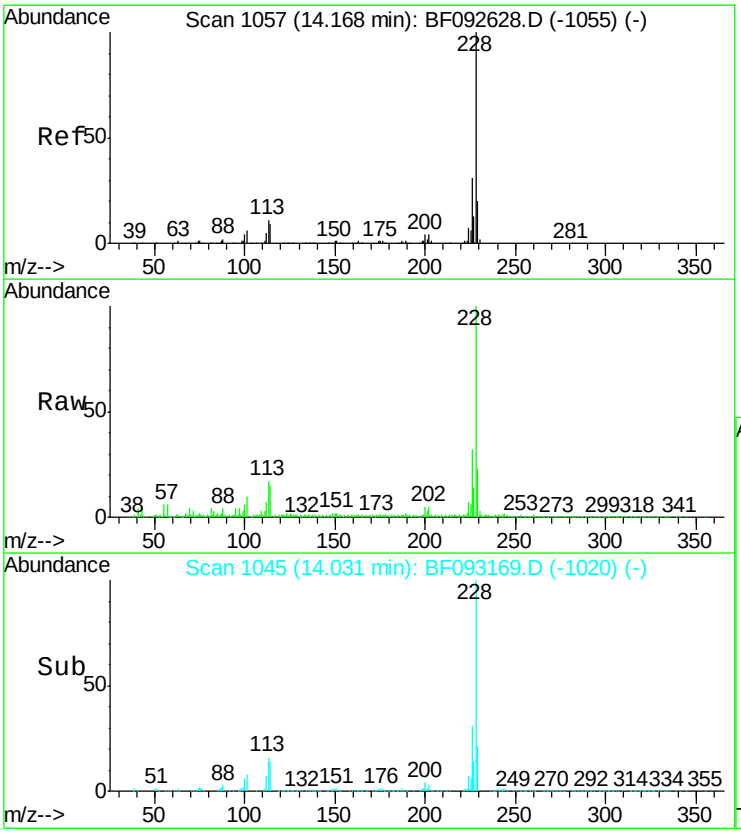
#80
Benzo(a)anthracene
Concen: 27.41 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:228 Resp: 510102

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.4	33.6
229	21.3	16.2	24.4

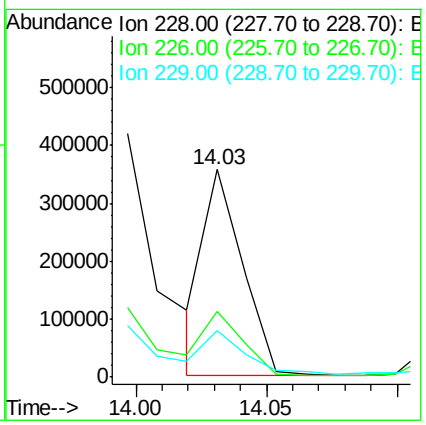


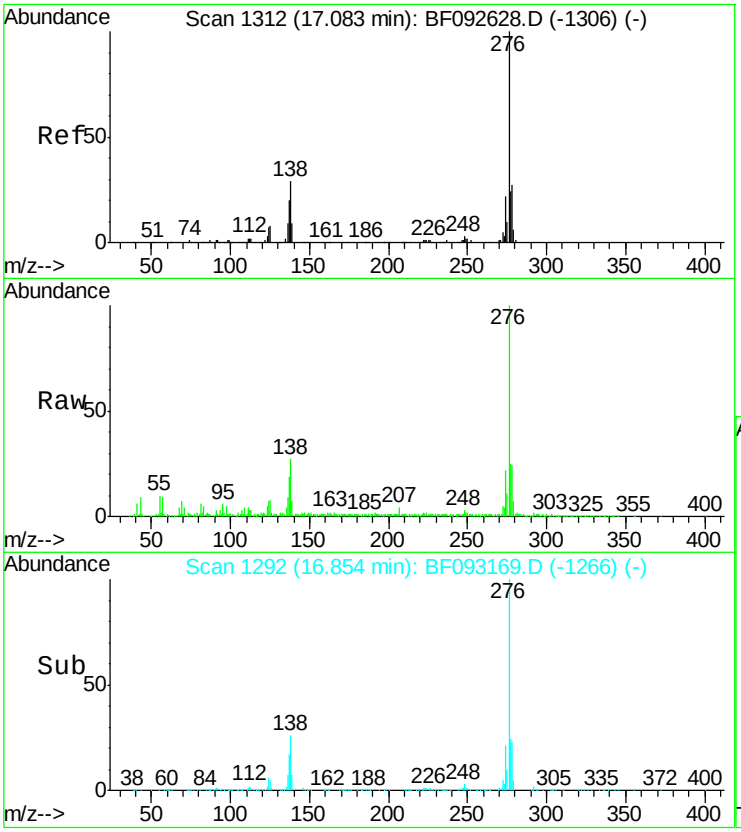


#82
Chrysene
Concen: 21.15 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion:228 Resp: 368561

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.0
229	22.5	16.2	24.2



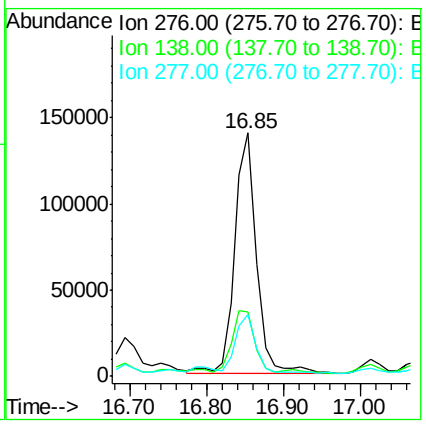


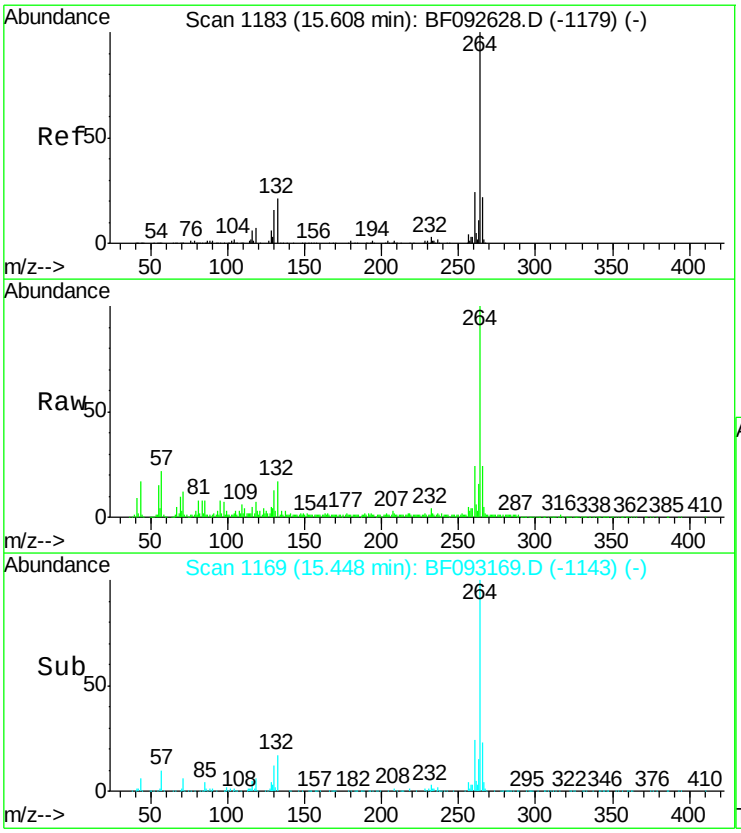
#85
Indeno(1,2,3-cd)pyrene
Concen: 20.58 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:276 Resp: 277714

Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.8	32.6
277	22.5	20.2	30.4

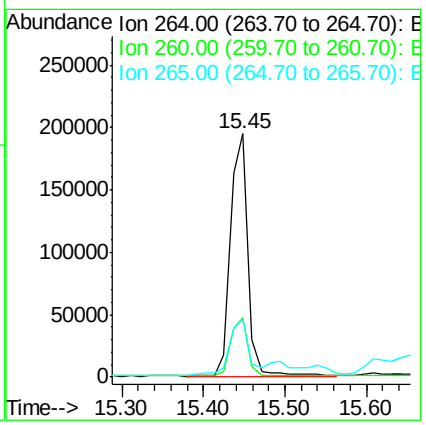


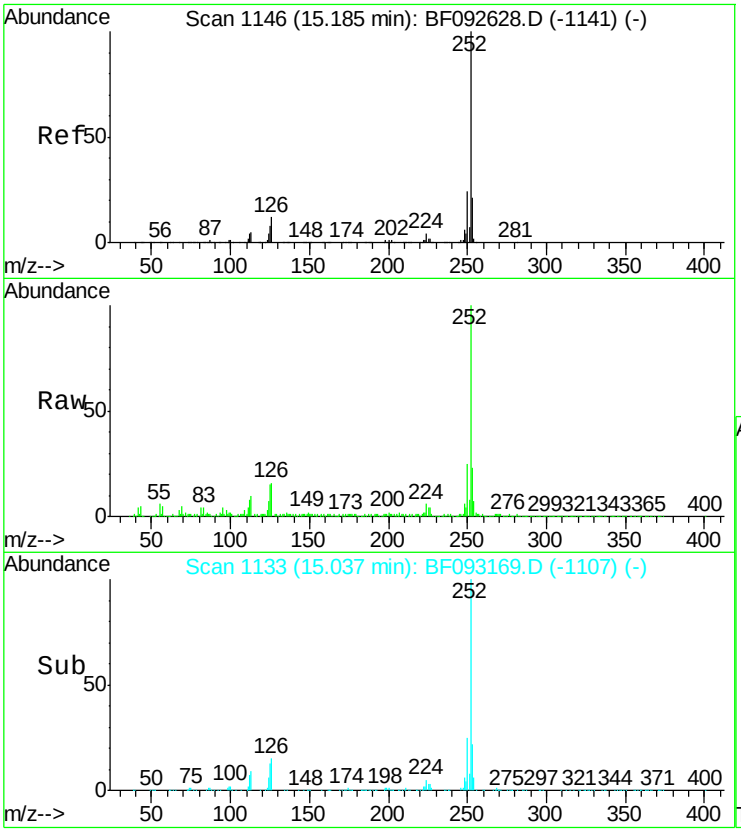


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion:264 Resp: 290588

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	23.6	17.4	26.0



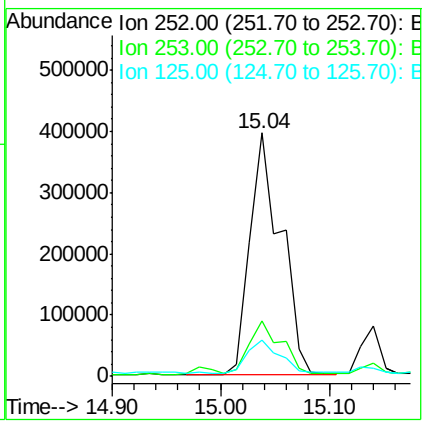


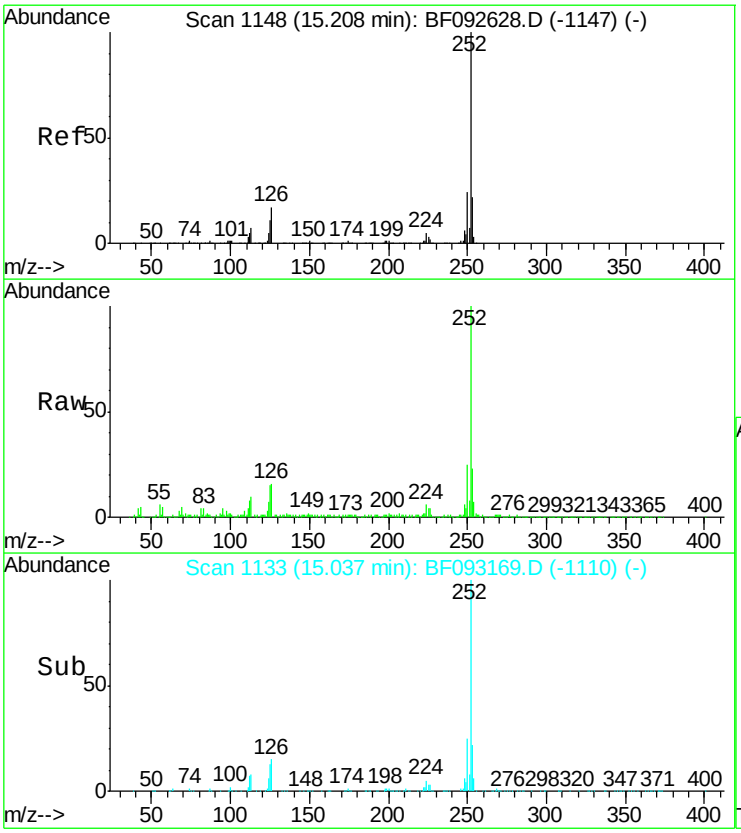
#87
Benzo(b)fluoranthene
Concen: 41.31 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:252 Resp: 790026

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	14.9	9.8	14.6#

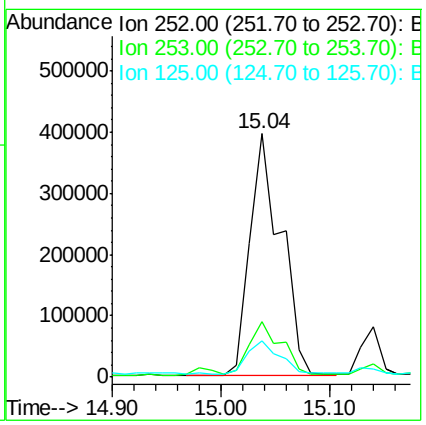


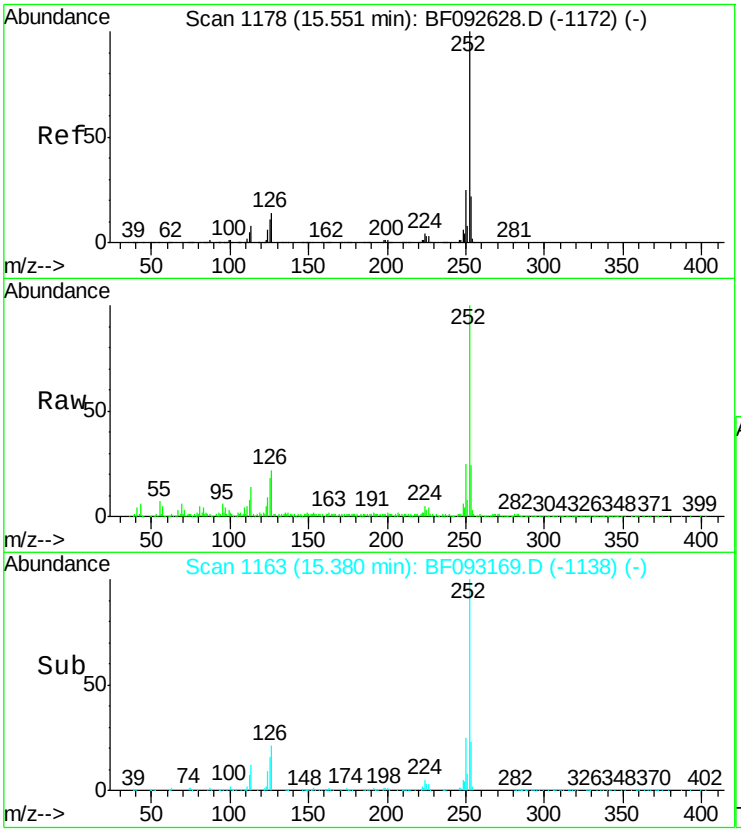


#88
Benzo(k)fluoranthene
Concen: 47.84 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion:252 Resp: 790026

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	14.9	8.9	13.3#



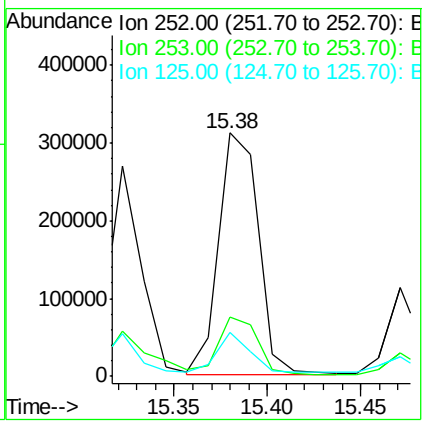


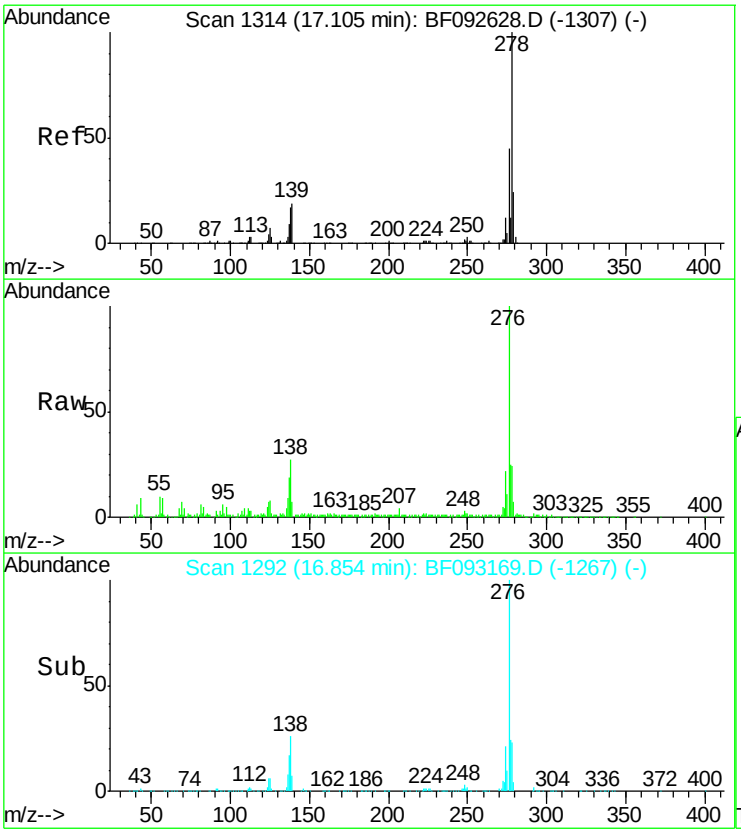
#89
Benzo(a)pyrene
Concen: 27.90 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:252 Resp: 461556

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	18.2	10.0	15.0#

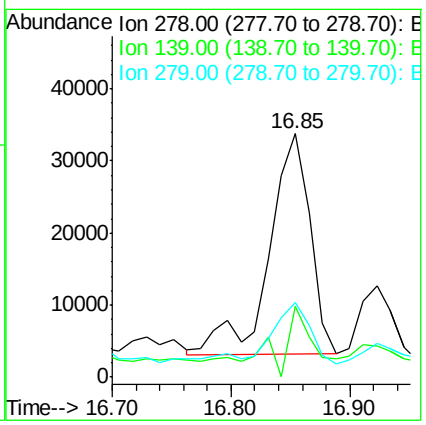


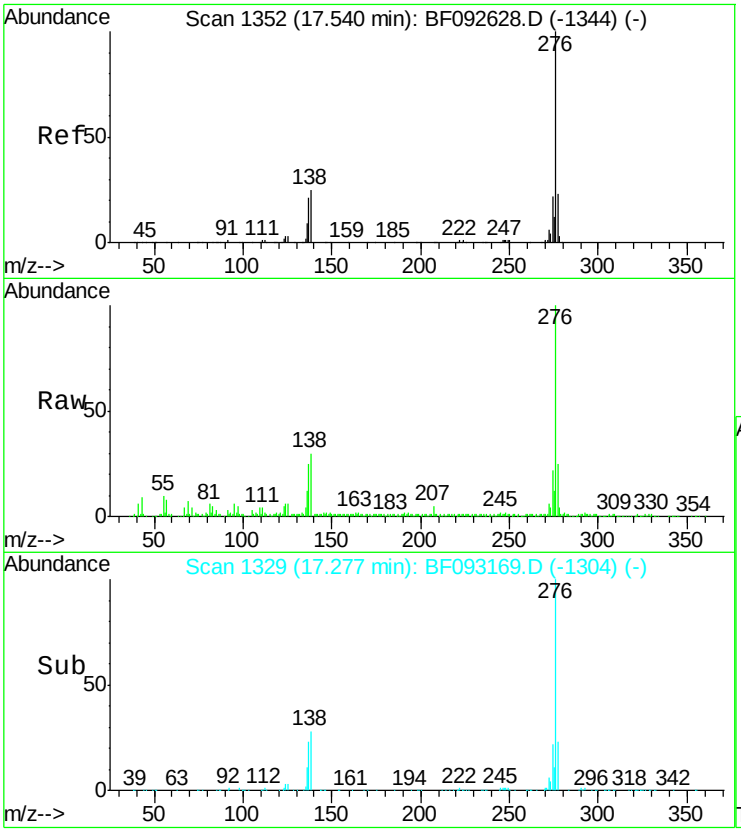


#90
Dibenzo(a,h)anthracene
Concen: 5.47 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Tgt Ion:278 Resp: 73171

Ion	Ratio	Lower	Upper
278	100		
139	29.3	14.8	22.2#
279	30.8	19.8	29.6#





#91
Benzo(g,h,i)perylene
Concen: 19.65 ng
RT: 17.28 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF093169.D
Acq: 25 Feb 2017 2:47

Instrument :
BNA_F
ClientSampleId :
B1-4

Tgt Ion:276 Resp: 265477

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	29.7	16.0	24.0#